

M5015 系列 (MIL-DTL-5015) 軍規圓形連接器 SAE AS50151

工作溫度：-55° C (-75° F) 至 200° C (392° F)，具體取決於結構類型

緊接類型：螺紋

承受電流：13 Amp - 46 Amp

接合程度：至少 100 次以上結合

外殼尺寸：8 - 48 號

接點尺寸：16# - 0#

MIL-DTL-5015 圓形電氣連接器規範涵蓋了焊接型或可拆卸的壓接方式插針（前、後插入及退出）。這些連接器堅固耐用，兼具耐久性和耐腐蝕性，使其適用於廣泛的軍工和工業上使用 - 特別是那些暴露在惡劣環境條件下的極端溫度和可能處於嚴苛的化學品侵蝕。例如：航空航天，石油和天然氣，鹽水，石油化工和採礦業的環境下。

MIL-DTL-5015 連接器有各種結構類型，包括不銹鋼或鋁質外殼。連接器耐鹽霧的壽命（以小時計）取決於電鍍的材料。連接器還具有防止去耦的彈簧，可大大降低維護要求。連接器還具有幾種不同的外殼樣式，如：直插頭，90° 插頭，牆壁安裝插座，箱盒安裝插座和電纜連接插頭等。

這些連接器提供的一些其他顯著的特點，包括固定聯接螺母機構，可防止無意拆卸；還有多重互鎖系統，可積極地控制電介質分離，以確保的線和外殼於插件時密封。

使用 MIL-DTL-5015 連接器的其他應用包括過程設備，電信系統，發電機，加工工具，軍用地面車輛和挖土機設備。

注意：SAE AS50151 取代了 MIL-DTL-5015 和 MIL-C-5015 規格。

MIL-DTL-5015 產品規格參考型錄如下

MIL-C-5015 SOLDER CONTACT CONNECTORS

焊接型插針 / 插座連接器

MIL-C-5015 SOLDER ORDERING INFORMATION

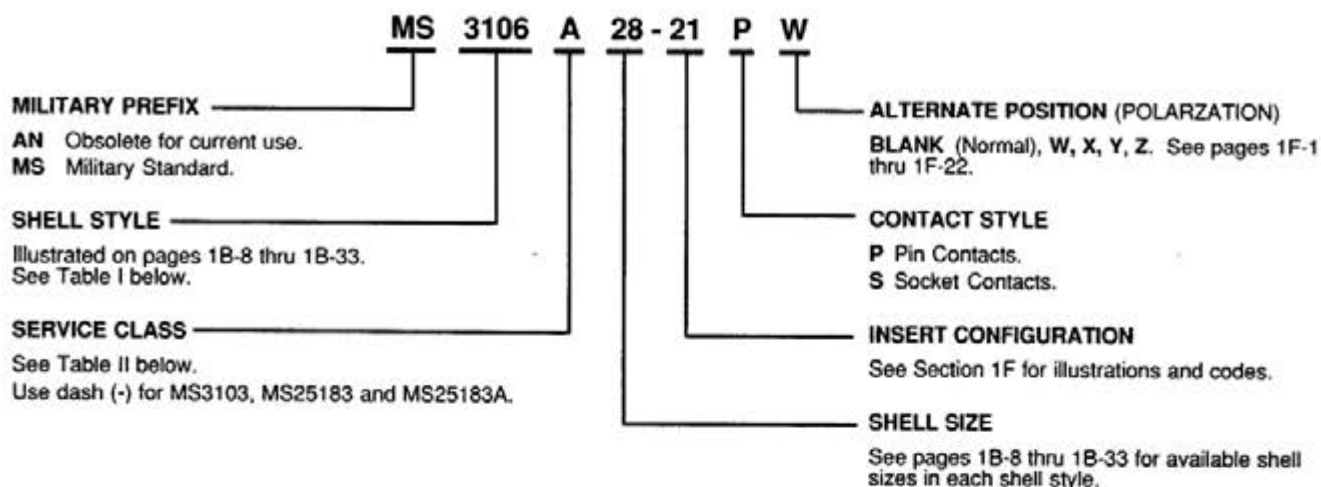


TABLE I. SHELL STYLE

MS NO.	DESCRIPTION	AVAILABLE IN CLASS	SEE PAGE
MS3100	Wall mount receptacle	A, C, E, F, K, R	1B-8 thru 1B-11
MS3101	In-line receptacle	A, B, F, R	1B-12 thru 1B-14
MS3102	Box mount receptacle	A, C, E, K, R	1B-15 thru 1B-17
MS3103	Wall mount receptacle, potting seal	-	1B-18
MS3106	Straight plug	A, B, E, F, K, R	1B-19 thru 1B-23
MS3107	Quick disconnect plug	A, B	1B-24
MS3108	90° angle plug	A, B, E, F, K, R	1B-25 thru 1B-28
MS3142	Box mount receptacle, hermetic seal. See page 1B-29 for ordering information	H	1B-30
MS3143	Solder mount receptacle, hermetic seal. See page 1B-29 for ordering information	H	1B-31
MS3436	Straight plug. See page 1B-32 for ordering information	A	1B-32
MS3507	Quick disconnect plug. See page 1B-32 for ordering information	A	1B-32
MS25183	Straight plug, potting seal	-	1B-33
MS25183A	Straight plug, potting seal, with ground lug	-	1B-33

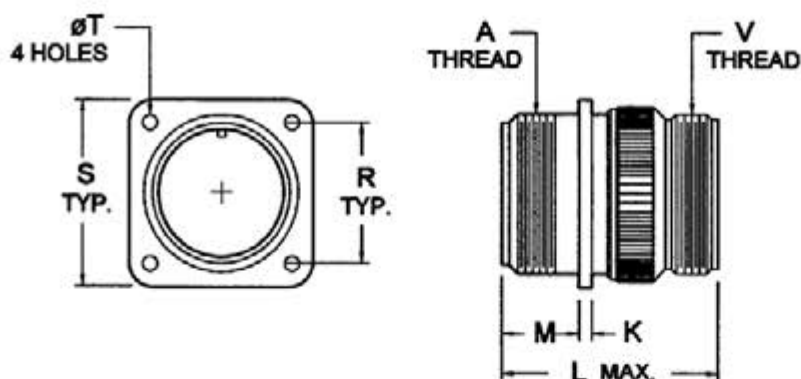
1006a

TABLE II. SERVICE CLASS

CLASS	DESCRIPTION	MATERIAL	FINISH	TEMP
A	Solid shell, non-environmental	Aluminum alloy	Cadmium, olive drab, 96 hr. salt spray	125° C
B	Split shell, non-environmental	Aluminum alloy	Cadmium, olive drab, 96 hr. salt spray	125° C
C	Pressurized	Aluminum alloy	Cadmium, olive drab, 96 hr. salt spray	125° C
E	Environmental, superseded by R or F	Aluminum alloy	Cadmium, olive drab, 96 hr. salt spray	125° C
F	R type with strain relief.	Aluminum alloy	Cadmium, olive drab, 96 hr. salt spray	125° C
H	Hermetic	Steel	Cadmium, olive drab, 96 hr. salt spray	125° C
K	Firewall	Steel	Cadmium, olive drab, 96 hr. salt spray	125° C
M	Replaced by class E	-	-	125° C
PR	Replaced by class C	-	-	125° C
R	Environmental grommet seal	Aluminum alloy	Cadmium, olive drab, 96 hr. salt spray	125° C

1007a

MS3100A SOLID SHELL
MS3100C PRESSURIZED
WALL MOUNT RECEPTACLE



SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	V ACCESSORY THREAD CLASS 2A
		MAX.	MIN.						
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.469 [37.31]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	1/2-28 UNEF
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	1/2-28 UNEF
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	5/8-24 UNEF
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.688 [42.88]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	5/8-24 UNEF
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.688 [42.88]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	5/8-24 UNEF
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.062 [52.37]	.750 [19.05]	.908 [23.01]	1.188 [30.18]	.120 [3.05]	3/4-20 UNEF
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.688 [42.88]	.562 [14.27]	.908 [23.01]	1.188 [30.18]	.120 [3.05]	3/4-20 UNEF
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.062 [52.37]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	7/8-20 UNEF
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.688 [42.88]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	7/8-20 UNEF
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.062 [52.37]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	1-20 UNEF
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.250 [31.75]	1.825 [46.27]	.120 [3.05]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.312 [58.72]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	1 7/16-18 UNEF
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	2.312 [58.72]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	1 7/16-18 UNEF
32	2-18 UNS	.359 [9.12]	.125 [3.17]	2.438 [61.93]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	1 3/4-18 UNS
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	2.438 [61.93]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]	2-18 UNS
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	2.438 [61.93]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	2 1/4-16 UN
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	2.562 [65.07]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	2 1/2-16 UN
48	3-16 UN	.359 [9.12]	.125 [3.17]	2.562 [65.07]	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	3-16 UN

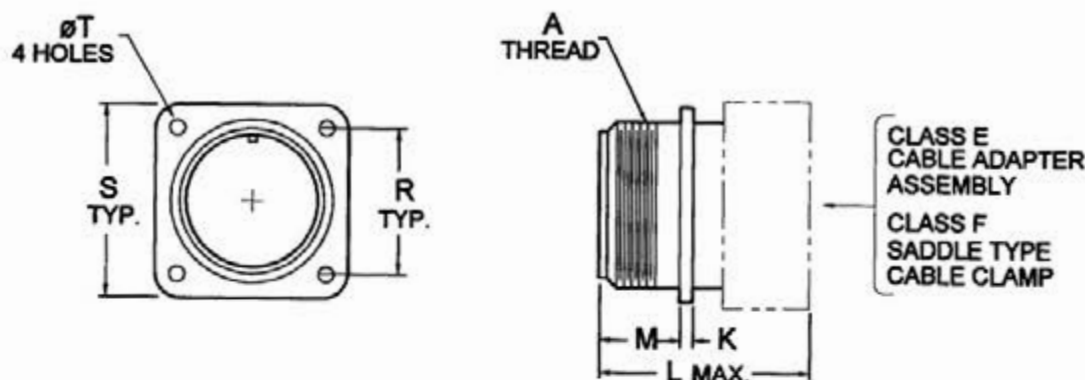
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B001

ENVIRONMENTAL **MS3100E**
 ENVIRONMENTAL **MS3100F**
 WALL MOUNT RECEPTACLE

MIL-C-5015
 SOLDER

1B

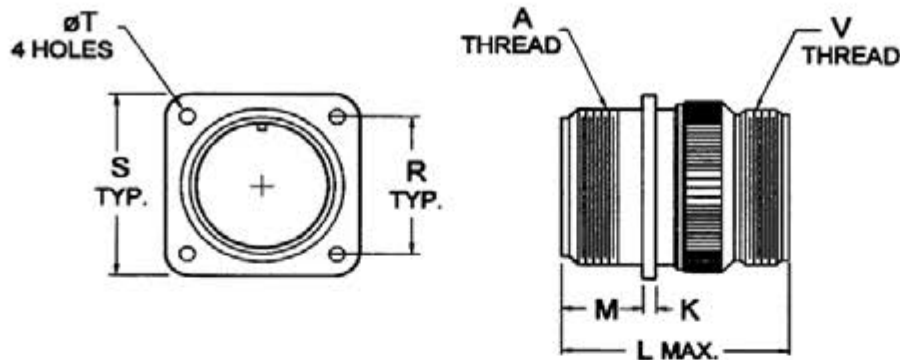


SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+.079] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+.025] [-0.13]
		MAX.	MIN.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.625 [66.67]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.625 [66.67]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.625 [66.67]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.688 [68.28]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.750 [69.85]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.750 [69.85]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.969 [75.41]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	3.031 [76.99]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	3.031 [76.99]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-18 UN	.359 [9.12]	.125 [3.17]	3.281 [83.34]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]
40	2 1/2-18 UN	.359 [9.12]	.125 [3.17]	3.500 [88.90]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

18002

MS3100K FIREWALL WALL MOUNT RECEPTACLE

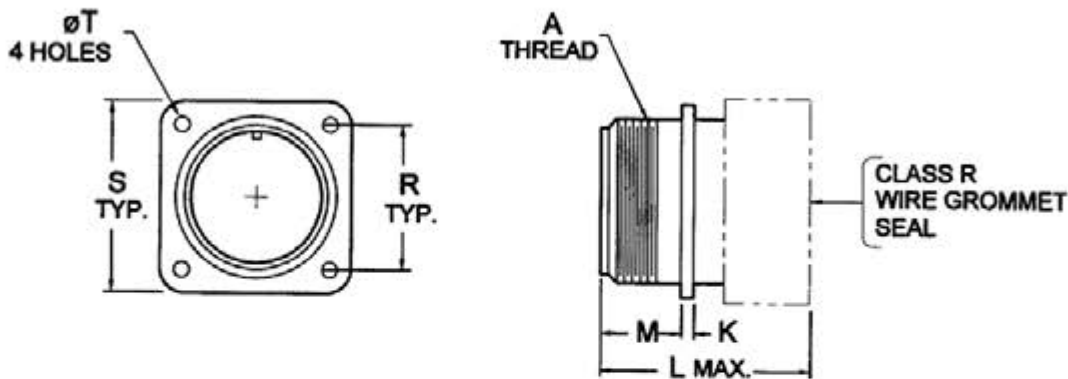


SHELL SIZE	A COUPLING THREAD CLASS 2A	K MIN.	L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	.062 [1.57]	2.188 [55.58]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.150 [3.81]	1/2-28 UNEF
10S	5/8-24 UNEF	.062 [1.57]	2.188 [55.58]	.562 [14.27]	.719 [18.28]	1.000 [25.40]	.150 [3.81]	1/2-28 UNEF
10SL	5/8-24 UNEF	.062 [1.57]	2.188 [55.58]	.562 [14.27]	.719 [18.28]	1.000 [25.40]	.150 [3.81]	5/8-24 UNEF
12	3/4-20 UNEF	.062 [1.57]	2.875 [73.02]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.150 [3.81]	5/8-24 UNEF
12S	3/4-20 UNEF	.062 [1.57]	2.188 [55.58]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.150 [3.81]	5/8-24 UNEF
14	7/8-20 UNEF	.062 [1.57]	2.875 [73.02]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.150 [3.81]	3/4-20 UNEF
14S	7/8-20 UNEF	.062 [1.57]	2.188 [55.58]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.150 [3.81]	3/4-20 UNEF
16	1-20 UNEF	.062 [1.57]	2.875 [73.02]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.150 [3.81]	7/8-20 UNEF
16S	1-20 UNEF	.062 [1.57]	2.188 [55.58]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.150 [3.81]	7/8-20 UNEF
18	1 1/8-18 UNEF	.062 [1.57]	2.875 [73.02]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.177 [4.50]	1-20 UNEF
20	1 1/4-18 UNEF	.078 [1.98]	2.875 [73.02]	.750 [19.05]	1.156 [29.38]	1.500 [38.10]	.177 [4.50]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	.078 [1.98]	2.875 [73.02]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.177 [4.50]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	.078 [1.98]	3.125 [79.37]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.177 [4.50]	1 7/16-18 UNEF
28	1 3/4-18 UNS	.078 [1.98]	3.125 [79.37]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.177 [4.50]	1 7/16-18 UNEF
32	2-18 UNS	.078 [1.98]	3.125 [79.37]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.209 [5.31]	1 3/4-18 UNS
36	2 1/4-18 UN	.125 [3.17]	3.125 [79.37]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.209 [5.31]	2-18 UNS
40	2 1/2-18 UN	.125 [3.17]	3.125 [79.37]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.209 [5.31]	2 1/4-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

18004

ENVIRONMENTAL MS3100R WALL MOUNT RECEPTACLE



MIL-C-5015
SOLDER

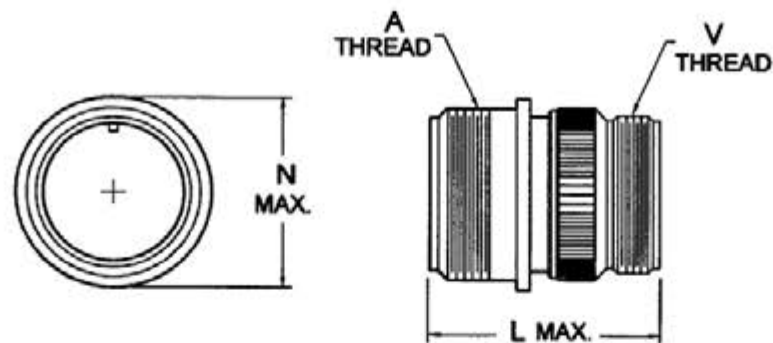
1B

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]
		MAX.	MIN.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.89]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.181 [55.40]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.89]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.181 [55.40]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.89]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.181 [55.40]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.89]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.750 [19.05]	1.156 [29.38]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	2.322 [58.98]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-18 UN	.359 [9.12]	.125 [3.17]	2.322 [58.98]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]
40	2 1/2-18 UN	.359 [9.12]	.125 [3.17]	2.322 [58.98]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B005

MS3101A SOLID SHELL
MS3101B SPLIT SHELL
 IN-LINE RECEPTACLE



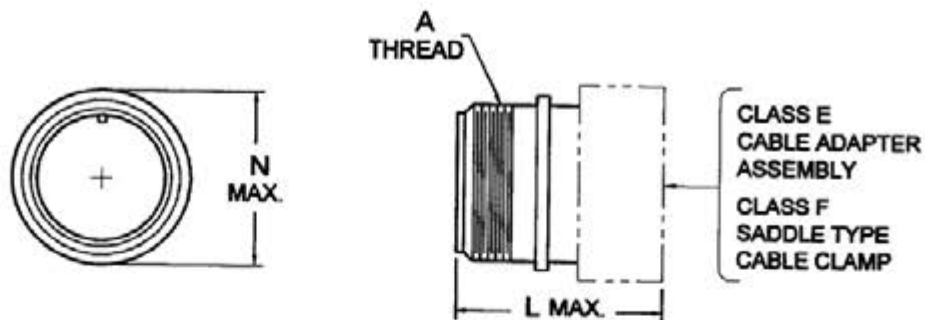
SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2A	L MAX.	N MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	1.469 [37.31]	.844 [21.44]	1/2-28 UNEF
10S	5/8-24 UNEF	1.531 [38.89]	.969 [24.61]	1/2-28 UNEF
10SL	5/8-24 UNEF	1.531 [38.89]	.969 [24.61]	5/8-24 UNEF
12	3/4-20 UNEF	1.688 [42.88]	1.062 [26.97]	5/8-24 UNEF
12S	3/4-20 UNEF	1.688 [42.88]	1.062 [26.97]	5/8-24 UNEF
14	7/8-20 UNEF	2.062 [52.37]	1.156 [29.38]	3/4-20 UNEF
14S	7/8-20 UNEF	1.688 [42.88]	1.156 [29.38]	3/4-20 UNEF
16	1-20 UNEF	2.062 [52.37]	1.250 [31.75]	7/8-20 UNEF
16S	1-20 UNEF	1.688 [42.88]	1.250 [31.75]	7/8-20 UNEF
18	1 1/8-18 UNEF	2.062 [52.37]	1.344 [34.14]	1-20 UNEF
20	1 1/4-18 UNEF	2.188 [55.58]	1.496 [38.00]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	2.188 [55.58]	1.594 [40.49]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	2.312 [58.72]	1.719 [43.66]	1 7/16-18 UNEF
28	1 3/4-18 UNS	2.312 [58.72]	1.969 [50.01]	1 7/16-18 UNEF
32	2-18 UNS	2.438 [61.93]	2.219 [56.36]	1 3/4-18 UNS
36	2 1/4-18 UN	2.438 [61.93]	2.469 [62.71]	2-18 UNS
40	2 1/2-18 UN	2.438 [61.93]	2.719 [69.08]	2 1/4-18 UN
44	2 3/4-18 UN	2.562 [65.07]	2.969 [75.41]	2 1/2-18 UN
48	3-18 UN	2.562 [65.07]	3.219 [81.76]	3-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

18-12

ENVIRONMENTAL **MS3101E**
 ENVIRONMENTAL **MS3101F**
 IN-LINE RECEPTACLE



MIL-C-5015
SOLDER

1B

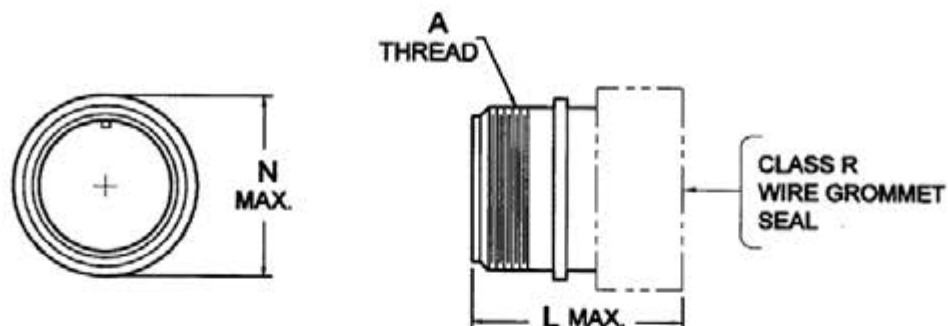
SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2A	L MAX.	N MAX.
8S	1/2-28 UNEF	2.250 [57.15]	.844 [21.44]
10S	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]
10SL	5/8-24 UNEF	2.250 [57.15]	1.062 [26.97]
12	3/4-20 UNEF	2.625 [66.67]	1.062 [26.97]
12S	3/4-20 UNEF	2.250 [57.15]	1.062 [26.97]
14	7/8-20 UNEF	2.625 [66.67]	1.156 [29.36]
14S	7/8-20 UNEF	2.250 [57.15]	1.156 [29.36]
16	1-20 UNEF	2.625 [66.67]	1.281 [32.54]
16S	1-20 UNEF	2.250 [57.15]	1.281 [32.54]
18	1 1/8-18 UNEF	2.688 [68.28]	1.344 [34.14]
20	1 1/4-18 UNEF	2.750 [69.85]	1.500 [38.10]
22	1 3/8-18 UNEF	2.750 [69.85]	1.625 [41.27]
24	1 1/2-18 UNEF	2.969 [75.41]	1.750 [44.45]
28	1 3/4-18 UNS	3.031 [76.99]	2.000 [50.80]
32	2-18 UNS	3.031 [76.99]	2.250 [57.15]
36	2 1/4-16 UN	3.281 [83.34]	2.500 [63.50]
40	2 1/2-16 UN	3.500 [88.90]	2.750 [69.85]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B007

MS3101R ENVIRONMENTAL IN-LINE RECEPTACLE



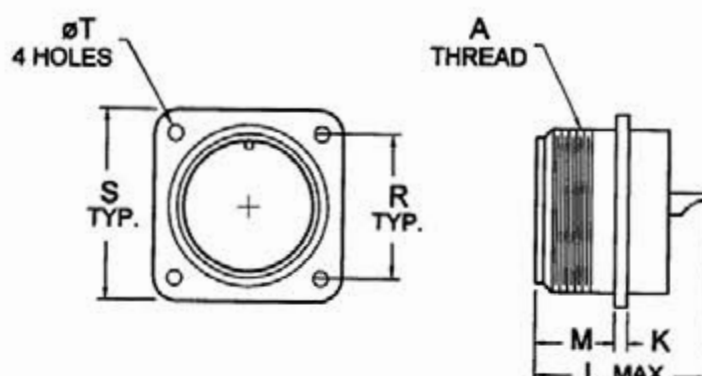
SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2A	L MAX.	N MAX.
8S	1/2-28 UNEF	1.838 [46.69]	.844 [21.44]
10S	5/8-24 UNEF	1.838 [46.69]	.969 [24.61]
10SL	5/8-24 UNEF	1.838 [46.69]	1.062 [26.97]
12	3/4-20 UNEF	2.181 [55.40]	1.062 [26.97]
12S	3/4-20 UNEF	1.838 [46.69]	1.062 [26.97]
14	7/8-20 UNEF	2.181 [55.40]	1.158 [29.38]
14S	7/8-20 UNEF	1.838 [46.69]	1.158 [29.38]
16	1-20 UNEF	2.181 [55.40]	1.281 [32.54]
16S	1-20 UNEF	1.838 [46.69]	1.281 [32.54]
18	1 1/8-18 UNEF	2.281 [57.94]	1.344 [34.14]
20	1 1/4-18 UNEF	2.281 [57.94]	1.500 [38.10]
22	1 3/8-18 UNEF	2.281 [57.94]	1.625 [41.27]
24	1 1/2-18 UNEF	2.281 [57.94]	1.750 [44.45]
28	1 3/4-18 UNS	2.281 [57.94]	2.000 [50.80]
32	2-18 UNS	2.322 [58.98]	2.250 [57.15]
36	2 1/4-18 UN	2.322 [58.98]	2.500 [63.50]
40	2 1/2-18 UN	2.322 [58.98]	2.750 [69.85]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B008

SOLID SHELL **MS3102A**
 PRESSURIZED **MS3102C**
 BOX MOUNT RECEPTACLE



MIL-C-5015
SOLDER

1B

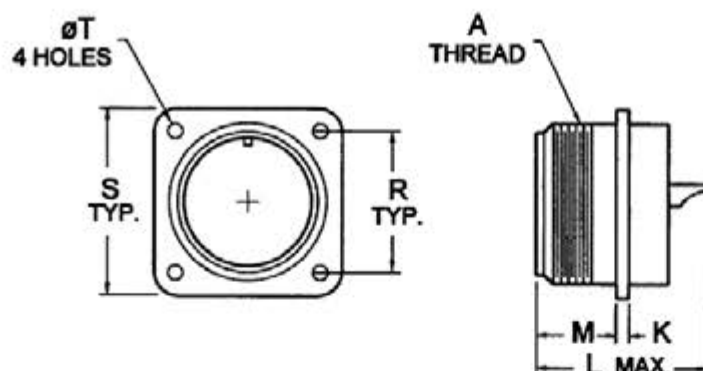
SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+.079] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+.025] [-0.13]
		MAX.	MIN.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.188 [30.18]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.188 [30.18]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.188 [30.18]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.625 [41.27]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.188 [30.18]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.625 [41.27]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.188 [30.18]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.625 [41.27]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.188 [30.18]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-18 UN	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]
40	2 1/2-18 UN	.359 [9.12]	.125 [3.17]	2.562 [65.07]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

18009

MS3102E ENVIRONMENTAL
MS3102R ENVIRONMENTAL
 BOX MOUNT RECEPTACLE

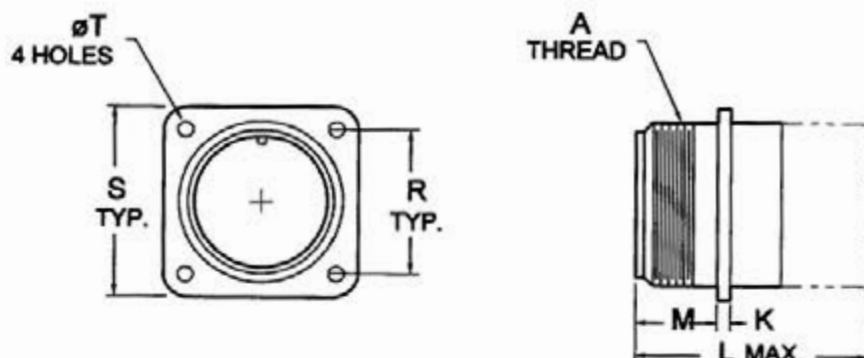


SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]
		MAX.	MIN.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.111 [28.22]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.111 [28.22]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.111 [28.22]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.713 [43.51]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.111 [28.22]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.713 [43.51]	.750 [19.05]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.111 [28.22]	.562 [14.27]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.750 [44.45]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.191 [30.26]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.158 [29.36]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-18 UN	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]
40	2 1/2-18 UN	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

18010

FIREWALL **MS3102K** BOX MOUNT RECEPTACLE



SEE SUPERSESSON DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2A	K MIN.	L MAX.	M +.031 -.000 [+.079] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+.025] [-0.13]
8S	1/2-28 UNEF	.062 [1.57]	1.375 [34.92]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.150 [3.81]
10S	5/8-24 UNEF	.062 [1.57]	1.438 [36.53]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.150 [3.81]
10SL	5/8-24 UNEF	.062 [1.57]	1.438 [36.53]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.150 [3.81]
12	3/4-20 UNEF	.062 [1.57]	1.812 [46.02]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.150 [3.81]
12S	3/4-20 UNEF	.062 [1.57]	1.438 [36.53]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.150 [3.81]
14	7/8-20 UNEF	.062 [1.57]	1.938 [49.23]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.150 [3.81]
14S	7/8-20 UNEF	.062 [1.57]	1.438 [36.53]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.150 [3.81]
16	1-20 UNEF	.062 [1.57]	2.062 [52.37]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.150 [3.81]
16S	1-20 UNEF	.062 [1.57]	1.438 [36.53]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.150 [3.81]
18	1 1/8-18 UNEF	.062 [1.57]	2.062 [52.37]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.177 [4.50]
20	1 1/4-18 UNEF	.078 [1.98]	2.250 [57.15]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.177 [4.50]
22	1 3/8-18 UNEF	.078 [1.98]	2.250 [57.15]	.750 [19.05]	1.250 [31.75]	1.825 [46.27]	.177 [4.50]
24	1 1/2-18 UNEF	.078 [1.98]	2.250 [57.15]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.177 [4.50]
28	1 3/4-18 UNS	.078 [1.98]	2.250 [57.15]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.177 [4.50]
32	2-18 UNS	.078 [1.98]	2.250 [57.15]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.209 [5.31]
36	2 1/4-16 UN	.125 [3.17]	2.250 [57.15]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.209 [5.31]
40	2 1/2-16 UN	.125 [3.17]	2.250 [57.15]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.209 [5.31]

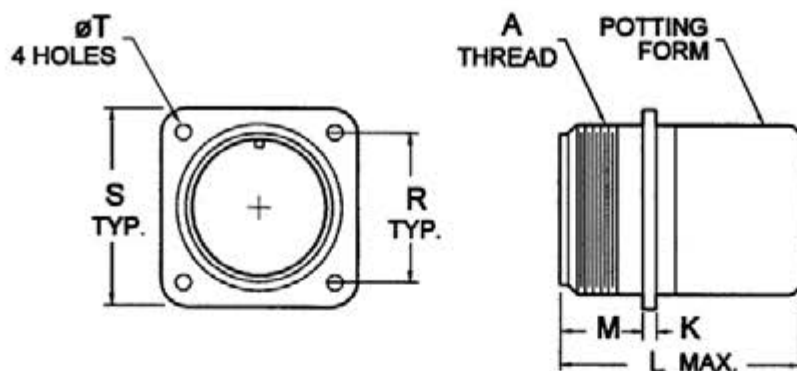
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B011

MIL-C-5015
SOLDER

1B

MS3103 POTTING SEAL WALL MOUNT RECEPTACLE

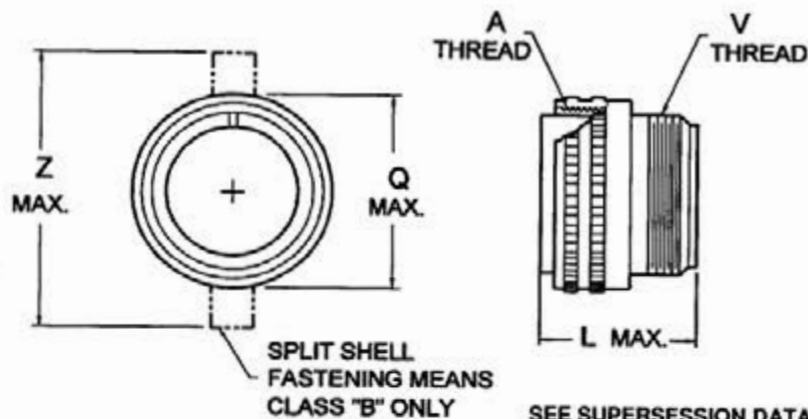


SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+.079] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+.025] [-0.13]
		MIN.	MAX.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.968 [49.99]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.968 [49.99]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.968 [49.99]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.968 [49.99]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
26	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	2.188 [55.58]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	2.188 [55.58]	.875 [22.22]	1.963 [50.37]	2.500 [63.50]	.173 [4.39]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	2.188 [55.58]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	-	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
48	3-16 UN	.359 [9.12]	.125 [3.17]	-	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B012

SOLID SHELL **MS3106A**
 SPLIT SHELL **MS3106B**
 STRAIGHT PLUG



SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	V ACCESSORY THREAD CLASS 2A	Z MAX.
8S	1/2-28 UNEF	1.489 [37.31]	.844 [21.44]	1/2-28 UNEF	.844 [21.44]
10S	5/8-24 UNEF	1.531 [38.89]	.909 [24.61]	1/2-28 UNEF	.909 [24.61]
10SL	5/8-24 UNEF	1.531 [38.89]	.909 [24.61]	5/8-24 UNEF	.909 [24.61]
12	3/4-20 UNEF	1.688 [42.88]	1.062 [26.97]	5/8-24 UNEF	1.062 [26.97]
12S	3/4-20 UNEF	1.688 [42.88]	1.062 [26.97]	5/8-24 UNEF	1.062 [26.97]
14	7/8-20 UNEF	2.062 [52.37]	1.158 [29.36]	3/4-20 UNEF	1.158 [29.36]
14S	7/8-20 UNEF	1.688 [42.88]	1.158 [29.36]	3/4-20 UNEF	1.158 [29.36]
16	1-20 UNEF	2.062 [52.37]	1.250 [31.75]	7/8-20 UNEF	1.250 [31.75]
16S	1-20 UNEF	1.688 [42.88]	1.250 [31.75]	7/8-20 UNEF	1.250 [31.75]
18	1 1/8-18 UNEF	2.062 [52.37]	1.344 [34.14]	1-20 UNEF	1.641 [41.68]
20	1 1/4-18 UNEF	2.188 [55.58]	1.489 [37.31]	1 3/16-18 UNEF	1.812 [46.02]
22	1 3/8-18 UNEF	2.188 [55.58]	1.594 [40.49]	1 3/16-18 UNEF	1.938 [49.23]
24	1 1/2-18 UNEF	2.312 [58.72]	1.719 [43.66]	1 7/16-18 UNEF	2.062 [52.37]
28	1 3/4-18 UNS	2.312 [58.72]	1.969 [50.01]	1 7/16-18 UNEF	2.312 [58.72]
32	2-18 UNS	2.438 [61.93]	2.219 [56.36]	1 3/4-18 UNS	2.594 [65.89]
36	2 1/4-16 UN	2.438 [61.93]	2.409 [62.71]	2-18 UNS	2.844 [72.24]
40	2 1/2-16 UN	2.438 [61.93]	2.719 [69.06]	2 1/4-16 UN	3.000 [76.20]
44	2 3/4-16 UN	2.562 [65.07]	3.000 [76.20]	2 1/2-16 UN	3.375 [85.72]
48	3-16 UN	2.562 [65.07]	3.250 [82.55]	3-16 UN	3.625 [92.07]

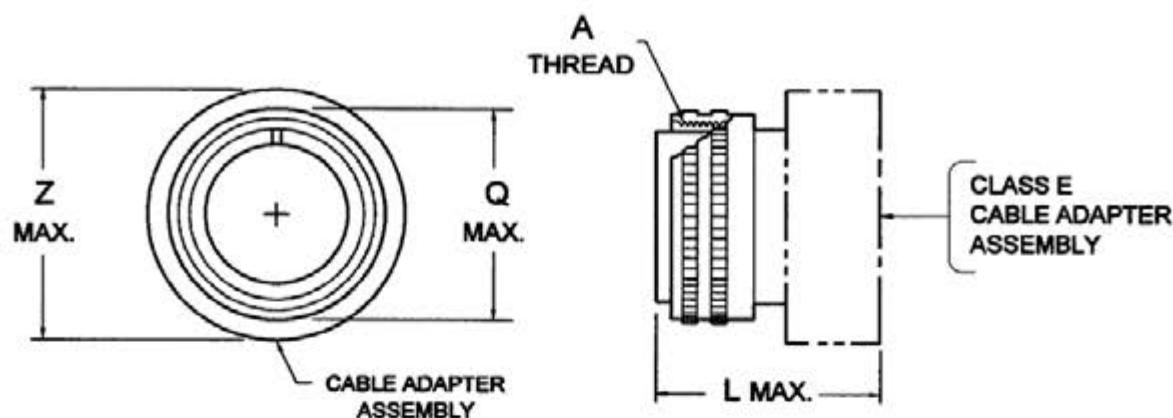
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B013

MIL-C-5015
SOLDER

1B

MS3106E ENVIRONMENTAL
STRAIGHT PLUG

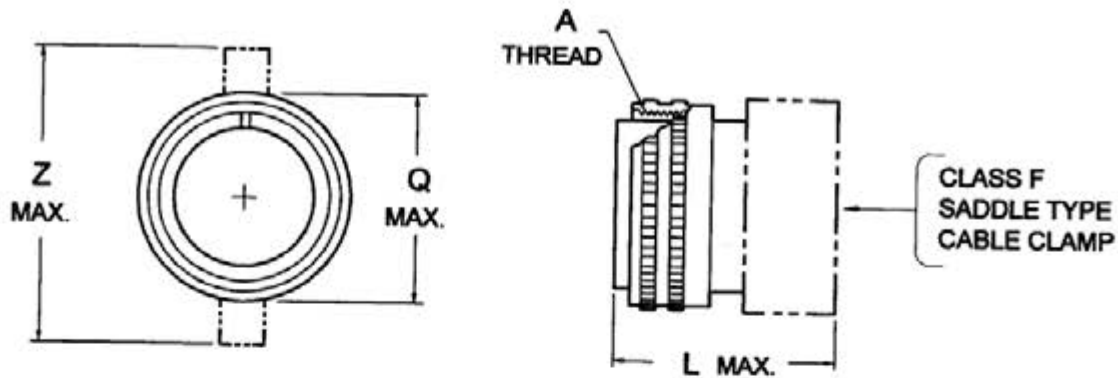


SEE SUPERSESION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	Z MAX.
8S	1/2-28 UNEF	2.250 [57.15]	.844 [21.44]	1.046 [26.57]
10S	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]	1.046 [26.57]
10SL	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]	1.125 [28.57]
12	3/4-20 UNEF	2.625 [66.67]	1.062 [26.97]	1.125 [28.57]
12S	3/4-20 UNEF	2.250 [57.15]	1.062 [26.97]	1.125 [28.57]
14	7/8-20 UNEF	2.625 [66.67]	1.156 [29.36]	1.343 [34.11]
14S	7/8-20 UNEF	2.250 [57.15]	1.156 [29.36]	1.343 [34.11]
16	1-20 UNEF	2.625 [66.67]	1.250 [31.75]	1.484 [37.69]
16S	1-20 UNEF	2.250 [57.15]	1.250 [31.75]	1.484 [37.69]
18	1 1/8-18 UNEF	2.688 [68.28]	1.344 [34.14]	1.809 [46.07]
20	1 1/4-18 UNEF	2.750 [69.85]	1.489 [37.31]	1.890 [48.01]
22	1 3/8-18 UNEF	2.750 [69.85]	1.594 [40.49]	1.890 [48.01]
24	1 1/2-18 UNEF	2.969 [75.41]	1.719 [43.66]	2.170 [55.12]
28	1 3/4-18 UNS	3.031 [76.99]	1.969 [50.01]	2.170 [55.12]
32	2-18 UNS	3.031 [76.99]	2.219 [56.36]	2.656 [67.46]
36	2 1/4-18 UN	3.281 [83.34]	2.469 [62.71]	2.922 [74.22]
40	2 1/2-18 UN	3.500 [88.90]	2.719 [69.06]	3.520 [89.41]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

ENVIRONMENTAL **MS3106F** STRAIGHT PLUG



SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	Z MAX.
8S	1/2-28 UNEF	2.312 [58.72]	.844 [21.44]	1.048 [26.57]
10S	5/8-24 UNEF	2.312 [58.72]	.969 [24.61]	1.048 [26.57]
10SL	5/8-24 UNEF	2.312 [58.72]	.969 [24.61]	1.125 [28.57]
12	3/4-20 UNEF	2.656 [67.46]	1.062 [26.97]	1.125 [28.57]
12S	3/4-20 UNEF	2.312 [58.72]	1.062 [26.97]	1.125 [28.57]
14	7/8-20 UNEF	2.656 [67.46]	1.156 [29.36]	1.343 [34.11]
14S	7/8-20 UNEF	2.312 [58.72]	1.156 [29.36]	1.343 [34.11]
16	1-20 UNEF	2.656 [67.46]	1.250 [31.75]	1.484 [37.69]
16S	1-20 UNEF	2.312 [58.72]	1.250 [31.75]	1.484 [37.69]
18	1 1/8-18 UNEF	2.781 [70.64]	1.344 [34.14]	1.609 [40.87]
20	1 1/4-18 UNEF	2.781 [70.64]	1.469 [37.31]	1.690 [42.81]
22	1 3/8-18 UNEF	2.781 [70.64]	1.594 [40.49]	1.690 [42.81]
24	1 1/2-18 UNEF	2.969 [75.41]	1.719 [43.66]	2.170 [55.12]
28	1 3/4-18 UNS	3.031 [76.99]	1.909 [48.01]	2.170 [55.12]
32	2-18 UNS	3.250 [82.55]	2.219 [56.36]	2.656 [67.46]
36	2 1/4-16 UN	3.281 [83.34]	2.469 [62.71]	2.922 [74.22]
40	2 1/2-16 UN	3.500 [88.90]	2.719 [69.06]	3.520 [89.41]

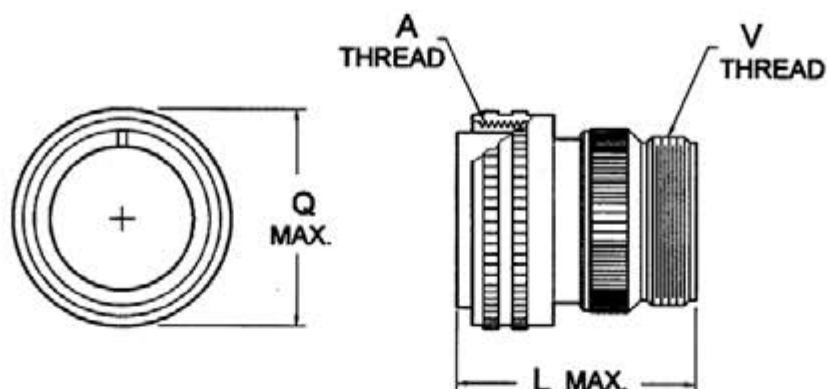
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B015

MIL-C-5015
SOLDER

1B

MS3106K FIREWALL STRAIGHT PLUG



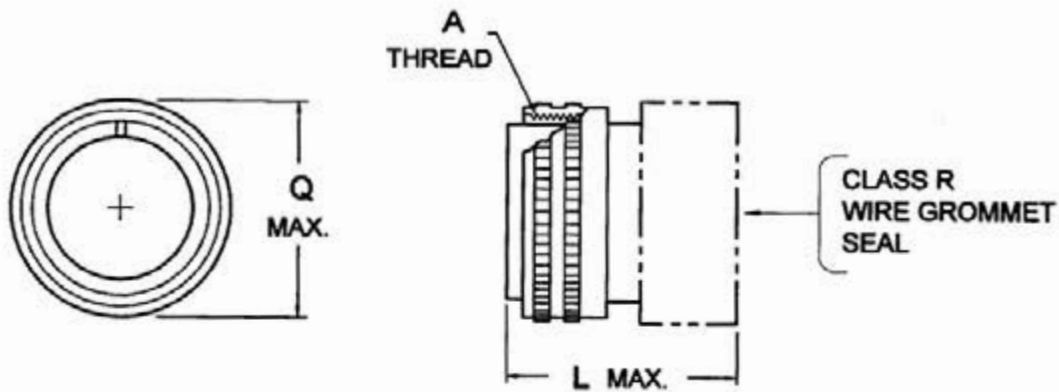
SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	2.188 [55.58]	.844 [21.44]	1/2-28 UNEF
10S	5/8-24 UNEF	2.188 [55.58]	.969 [24.61]	1/2-28 UNEF
10SL	5/8-24 UNEF	2.188 [55.58]	.969 [24.61]	5/8-24 UNEF
12	3/4-20 UNEF	2.875 [73.02]	1.062 [26.97]	5/8-24 UNEF
12S	3/4-20 UNEF	2.188 [55.58]	1.062 [26.97]	5/8-24 UNEF
14	7/8-20 UNEF	2.875 [73.02]	1.172 [29.77]	3/4-20 UNEF
14S	7/8-20 UNEF	2.188 [55.58]	1.172 [29.77]	3/4-20 UNEF
16	1-20 UNEF	2.875 [73.02]	1.266 [32.16]	7/8-20 UNEF
16S	1-20 UNEF	2.188 [55.58]	1.266 [32.16]	7/8-20 UNEF
18	1 1/8-18 UNEF	2.875 [73.02]	1.359 [34.52]	1-20 UNEF
20	1 1/4-18 UNEF	2.875 [73.02]	1.484 [37.69]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	2.875 [73.02]	1.609 [40.87]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	3.125 [79.37]	1.734 [44.04]	1 7/16-18 UNEF
28	1 3/4-18 UNS	3.125 [79.37]	1.984 [50.39]	1 7/16-18 UNEF
32	2-18 UNS	3.125 [79.37]	2.234 [56.74]	1 3/4-18 UNS
38	2 1/4-16 UN	3.125 [79.37]	2.484 [63.09]	2-18 UNS

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B016

ENVIRONMENTAL **MS3106R** STRAIGHT PLUG



SEE SUPERSESSON DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.
8S	1/2-28 UNEF	2.250 [57.15]	.844 [21.44]
10S	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]
10SL	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]
12	3/4-20 UNEF	2.625 [66.67]	1.062 [26.97]
12S	3/4-20 UNEF	2.250 [57.15]	1.062 [26.97]
14	7/8-20 UNEF	2.625 [66.67]	1.156 [29.36]
14S	7/8-20 UNEF	2.250 [57.15]	1.156 [29.36]
16	1-20 UNEF	2.625 [66.67]	1.250 [31.75]
16S	1-20 UNEF	2.250 [57.15]	1.250 [31.75]
18	1 1/8-18 UNEF	2.888 [69.26]	1.344 [34.14]
20	1 1/4-18 UNEF	2.750 [69.85]	1.469 [37.31]
22	1 3/8-18 UNEF	2.750 [69.85]	1.594 [40.49]
24	1 1/2-18 UNEF	2.969 [75.41]	1.719 [43.66]
28	1 3/4-18 UNS	3.031 [76.99]	1.969 [50.01]
32	2-18 UNS	3.031 [76.99]	2.219 [56.36]
36	2 1/4-16 UN	3.281 [83.34]	2.469 [62.71]
40	2 1/2-16 UN	3.500 [88.90]	2.719 [69.06]

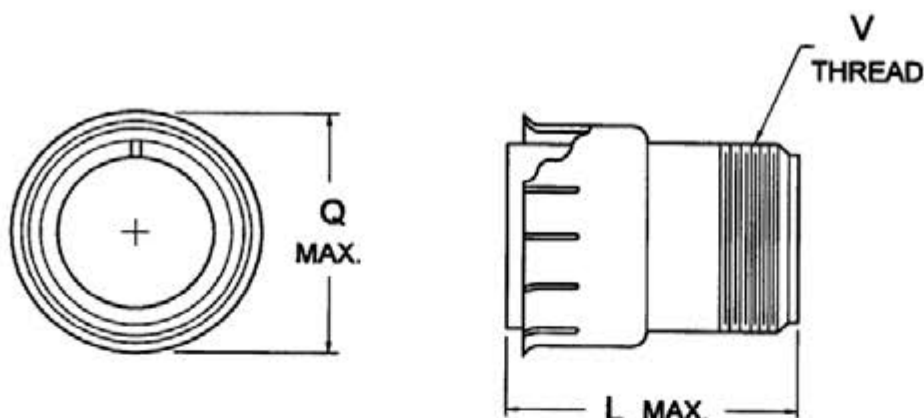
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B017

MIL-C-5015
SOLDER

1B

MS3107A SOLID SHELL
MS3107B SPLIT SHELL
 QUICK DISCONNECT PLUG



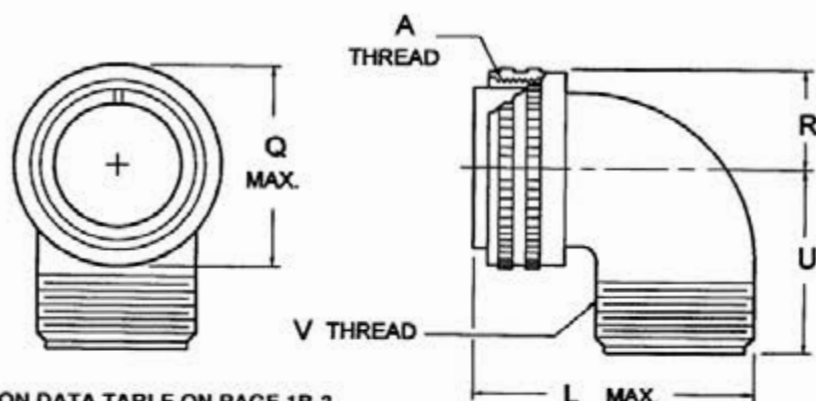
SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	L MAX.	Q MAX.	V ACCESSORY THREAD CLASS 2A
8S	1.489 [37.31]	1.250 [31.75]	1/2-28 UNEF
10S	1.531 [38.89]	1.375 [34.92]	1/2-28 UNEF
10SL	1.531 [38.89]	1.375 [34.92]	5/8-24 UNEF
12	2.062 [52.37]	1.500 [38.10]	5/8-24 UNEF
12S	1.688 [42.88]	1.500 [38.10]	5/8-24 UNEF
14	2.062 [52.37]	1.625 [41.27]	3/4-20 UNEF
14S	1.688 [42.88]	1.625 [41.27]	3/4-20 UNEF
16	2.062 [52.37]	1.750 [44.45]	7/8-20 UNEF
16S	1.688 [42.88]	1.750 [44.45]	7/8-20 UNEF
18	2.062 [52.37]	1.875 [47.62]	1-20 UNEF
20	2.188 [55.58]	2.000 [50.80]	1 3/16-18 UNEF
22	2.188 [55.58]	2.125 [53.97]	1 3/16-18 UNEF
24	2.312 [58.72]	2.250 [57.15]	1 7/16-18 UNEF
28	2.312 [58.72]	2.500 [63.50]	1 7/16-18 UNEF

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B018

SOLID SHELL **MS3108A**
 SPLIT SHELL **MS3108B**
 90° PLUG



SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

MIL-C-5015
SOLDER

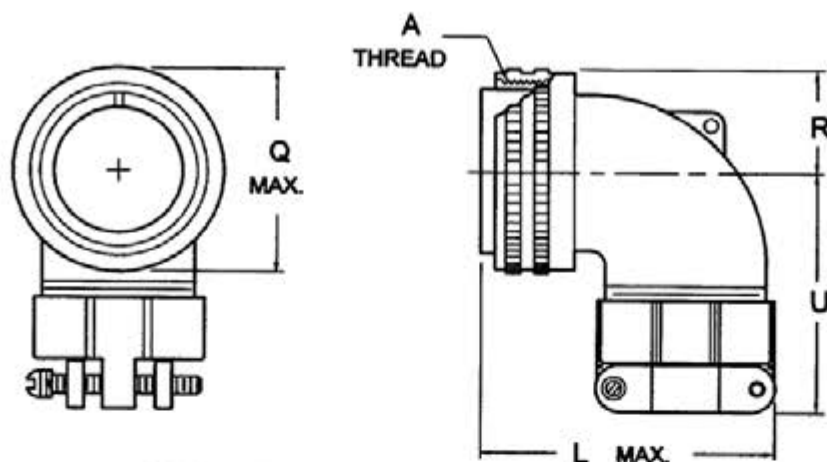
1B

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	R MAX.	U MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	1.750 [44.45]	.844 [21.44]	.422 [10.72]	.938 [23.83]	1/2-28 UNEF
10S	5/8-24 UNEF	1.750 [44.45]	.989 [24.61]	.485 [12.32]	1.000 [25.40]	1/2-28 UNEF
10SL	5/8-24 UNEF	1.812 [46.02]	.989 [24.61]	.531 [13.49]	1.000 [25.40]	5/8-24 UNEF
12	3/4-20 UNEF	2.250 [57.15]	1.062 [26.97]	.531 [13.49]	1.062 [26.97]	5/8-24 UNEF
12S	3/4-20 UNEF	2.000 [50.80]	1.062 [26.97]	.531 [13.49]	1.062 [26.97]	5/8-24 UNEF
14	7/8-20 UNEF	2.312 [58.72]	1.156 [29.36]	.656 [16.66]	1.125 [28.57]	3/4-20 UNEF
14S	7/8-20 UNEF	2.125 [53.97]	1.156 [29.36]	.656 [16.66]	1.125 [28.57]	3/4-20 UNEF
16	1-20 UNEF	2.562 [65.07]	1.250 [31.75]	.750 [19.05]	1.188 [30.18]	7/8-20 UNEF
16S	1-20 UNEF	2.375 [60.32]	1.250 [31.75]	.750 [19.05]	1.188 [30.18]	7/8-20 UNEF
18	1 1/8-18 UNEF	2.688 [68.28]	1.344 [34.14]	.828 [21.03]	1.312 [33.32]	1-20 UNEF
20	1 1/4-18 UNEF	3.031 [76.99]	1.489 [37.31]	.906 [23.01]	1.375 [34.92]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	3.031 [76.99]	1.594 [40.49]	.989 [24.61]	1.375 [34.92]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	3.406 [86.51]	1.719 [43.66]	1.031 [26.19]	1.562 [39.67]	1 7/16-18 UNEF
28	1 3/4-18 UNS	3.406 [86.51]	1.969 [50.01]	1.196 [29.38]	1.562 [39.67]	1 7/16-18 UNEF
32	2-18 UNS	3.750 [95.25]	2.219 [56.36]	1.312 [33.32]	1.875 [47.62]	1 3/4-18 UNS
36	2 1/4-16 UN	3.938 [100.03]	2.489 [62.71]	1.438 [36.53]	2.062 [52.37]	2-18 UNS
40	2 1/2-16 UN	4.750 [120.65]	2.719 [69.06]	1.562 [39.67]	2.125 [53.97]	2 1/4-16 UN
44	2 3/4-16 UN	4.812 [122.22]	2.968 [75.39]	1.687 [42.85]	2.250 [57.15]	2 1/2-16 UN
48	3-16 UN	4.937 [125.40]	3.218 [81.74]	1.812 [46.02]	2.375 [60.32]	3-16 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B019

MS3108E ENVIRONMENTAL 90° PLUG



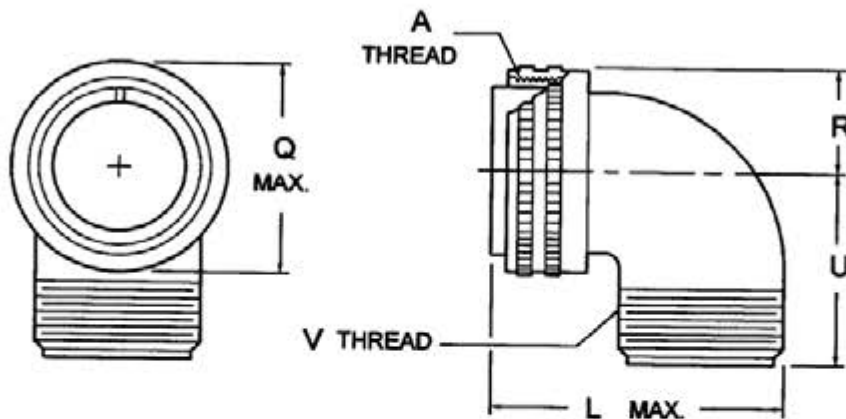
SEE SUPERSESION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	R MAX.	U MAX.
8S	1/2-28 UNEF	2.156 [54.76]	.844 [21.44]	.422 [10.72]	1.469 [37.31]
10S	5/8-24 UNEF	2.156 [54.76]	.969 [24.61]	.516 [13.11]	1.469 [37.31]
10SL	5/8-24 UNEF	2.188 [55.58]	.969 [24.61]	.516 [13.11]	1.500 [38.10]
12	3/4-20 UNEF	2.531 [64.29]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]
12S	3/4-20 UNEF	2.188 [55.58]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]
14	7/8-20 UNEF	2.688 [68.28]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]
14S	7/8-20 UNEF	2.312 [58.72]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]
16	1-20 UNEF	2.781 [70.64]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]
16S	1-20 UNEF	2.406 [61.11]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]
18	1 1/8-18 UNEF	2.844 [72.24]	1.344 [34.14]	.750 [19.05]	1.781 [45.24]
20	1 1/4-18 UNEF	3.250 [82.55]	1.469 [37.31]	.844 [21.44]	1.969 [50.01]
22	1 3/8-18 UNEF	3.250 [82.55]	1.594 [40.49]	.906 [23.01]	2.000 [50.80]
24	1 1/2-18 UNEF	3.719 [94.48]	1.719 [43.66]	.963 [24.21]	2.125 [53.97]
26	1 3/4-18 UNS	3.719 [94.48]	1.969 [50.01]	1.064 [27.79]	2.188 [55.58]
32	2-18 UNS	4.188 [106.38]	2.219 [56.36]	1.234 [31.34]	2.594 [65.89]
36	2 1/4-18 UN	4.297 [109.14]	2.469 [62.71]	1.359 [34.52]	2.719 [69.06]
40	2 1/2-18 UN	4.516 [114.71]	2.719 [69.06]	1.422 [36.12]	3.188 [80.96]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

10020

FIREWALL **MS3108K**
90° PLUG



SEE SUPERSESION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	R MAX.	U MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	1.750 [44.45]	.844 [21.44]	.422 [10.72]	1.000 [25.40]	1/2-28 UNEF
10S	5/8-24 UNEF	1.938 [49.23]	.969 [24.61]	.485 [12.32]	1.250 [31.75]	1/2-28 UNEF
10SL	5/8-24 UNEF	2.188 [55.58]	.969 [24.61]	.531 [13.49]	1.250 [31.75]	5/8-24 UNEF
12	3/4-20 UNEF	2.531 [64.29]	1.062 [26.97]	.531 [13.49]	1.406 [35.71]	5/8-24 UNEF
12S	3/4-20 UNEF	2.312 [58.72]	1.062 [26.97]	.531 [13.49]	1.406 [35.71]	5/8-24 UNEF
14	7/8-20 UNEF	2.719 [69.06]	1.172 [29.77]	.656 [16.66]	1.469 [37.31]	3/4-20 UNEF
14S	7/8-20 UNEF	2.500 [63.50]	1.172 [29.77]	.656 [16.66]	1.469 [37.31]	3/4-20 UNEF
16	1-20 UNEF	2.938 [74.63]	1.266 [32.16]	.750 [19.05]	1.531 [38.89]	7/8-20 UNEF
16S	1-20 UNEF	2.719 [69.06]	1.266 [32.16]	.750 [19.05]	1.531 [38.89]	7/8-20 UNEF
18	1 1/8-18 UNEF	3.188 [80.98]	1.359 [34.52]	.828 [21.03]	1.625 [41.27]	1-20 UNEF
20	1 1/4-18 UNEF	3.375 [85.72]	1.484 [37.69]	.906 [23.01]	1.888 [47.88]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	3.408 [86.51]	1.609 [40.87]	.969 [24.61]	1.888 [47.88]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	3.875 [98.42]	1.734 [44.04]	1.031 [26.19]	2.031 [51.56]	1 7/16-18 UNEF
28	1 3/4-18 UNS	4.094 [103.99]	1.984 [50.39]	1.156 [29.38]	2.312 [58.72]	1 7/16-18 UNEF
32	2-18 UNS	4.438 [112.73]	2.234 [56.74]	1.312 [33.32]	2.438 [61.93]	1 3/4-18 UNS
36	2 1/4-16 UN	5.000 [127.00]	2.484 [63.09]	1.438 [36.53]	2.656 [67.46]	2-18 UNS
40	2 1/2-16 UN	5.000 [127.00]	2.719 [69.06]	1.562 [39.67]	3.125 [79.37]	2 1/4-16 UN

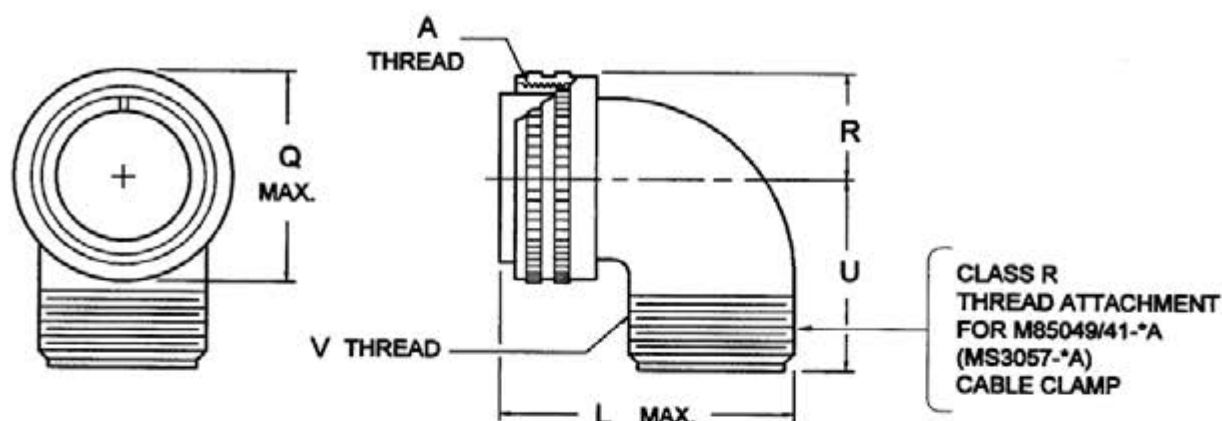
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B022

MIL-C-5015
SOLDER

1B

MS3108R ENVIRONMENTAL 90° PLUG



SEE SUPERSESION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	R MAX.	U MAX.
8S	1/2-28 UNEF	2.156 [54.76]	.844 [21.44]	.422 [10.72]	1.469 [37.31]
10S	5/8-24 UNEF	2.156 [54.76]	.969 [24.61]	.516 [13.11]	1.469 [37.31]
10SL	5/8-24 UNEF	2.188 [55.58]	.969 [24.61]	.516 [13.11]	1.500 [38.10]
12	3/4-20 UNEF	2.531 [64.29]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]
12S	3/4-20 UNEF	2.188 [55.58]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]
14	7/8-20 UNEF	2.688 [68.28]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]
14S	7/8-20 UNEF	2.312 [58.72]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]
16	1-20 UNEF	2.781 [70.84]	1.250 [31.75]	.688 [17.48]	1.688 [42.68]
16S	1-20 UNEF	2.408 [61.11]	1.250 [31.75]	.688 [17.48]	1.688 [42.68]
18	1 1/8-18 UNEF	2.844 [72.24]	1.344 [34.14]	.750 [19.05]	1.781 [45.24]
20	1 1/4-18 UNEF	3.250 [82.55]	1.469 [37.31]	.844 [21.44]	1.969 [50.01]
22	1 3/8-18 UNEF	3.250 [82.55]	1.594 [40.49]	.906 [23.01]	2.000 [50.80]
24	1 1/2-18 UNEF	3.719 [94.46]	1.719 [43.66]	.953 [24.21]	2.125 [53.97]
28	1 3/4-18 UNS	3.719 [94.46]	1.969 [50.01]	1.094 [27.79]	2.188 [55.58]
32	2-18 UNS	4.188 [106.38]	2.219 [56.36]	1.234 [31.34]	2.594 [65.89]
36	2 1/4-18 UN	4.297 [109.14]	2.469 [62.71]	1.359 [34.52]	2.719 [69.06]
40	2 1/2-16 UN	4.518 [114.71]	2.719 [69.06]	1.422 [36.12]	3.188 [80.96]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B023

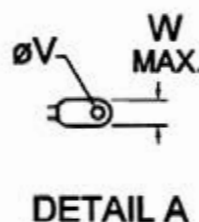
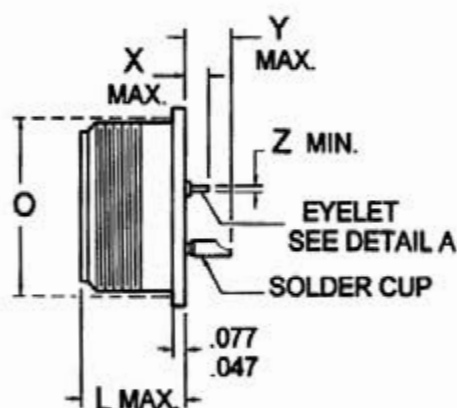
MS3142H, MS3143H

ORDERING INFORMATION

MIL-C-5015
SOLDER

1B

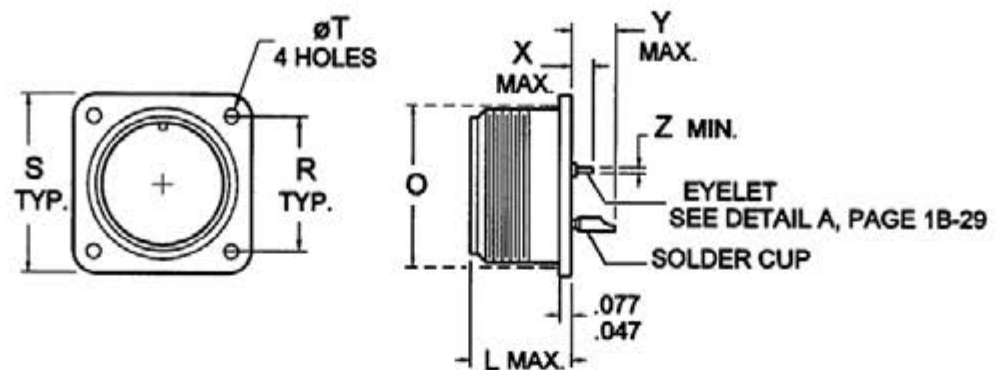
MILITARY PREFIX	MS3142	H	S	18	C	5	P	X	ALTERNATE POSITION (POLARIZATION)
MS3142	Box mount receptacle.								BLANK (Normal), W, X, Y or Z See MIL-STD-1651 for degrees of rotation.
MS3143	Solder mount receptacle.								
CLASS									CONTACT STYLE
H	Hermetic.								P Pin contacts. S Socket contacts.
MATERIAL & FINISH									INSERT CONFIGURATION
BLANK	Ferrous alloy, electroless nickel. (Inactive for new design).								Per MIL-STD-1651.
S	Stainless steel, cadmium, olive drab 96 hr salt spray.								TERMINATION TYPE
T	Ferrous alloy, conductive fused tin.								C Solder cup. Y Eyelet. See dimensional data below.
SHELL SIZE									
	8S, 10S, 10SL, 12, 12S, 14, 14S, 16, 16S, 18, 20, 22, 24, 28, 32, 40, 44, 48.								



CONTACT SIZE	X MAX.	Y MAX.	Z MIN.	V MIN.	W MAX.
16	.219 [5.56]	.375 [9.52]	.020 [0.51]	.065 [1.65]	.115 [2.92]
12	.281 [7.14]	.516 [13.11]	.020 [0.51]	.096 [2.44]	.190 [4.83]
8	-	.719 [18.26]	-	-	-
4	-	.980 [24.89]	-	-	-
0	-	.980 [24.89]	-	-	-

1B024b

MS3142H HERMETIC SEAL BOX MOUNT RECEPTACLE



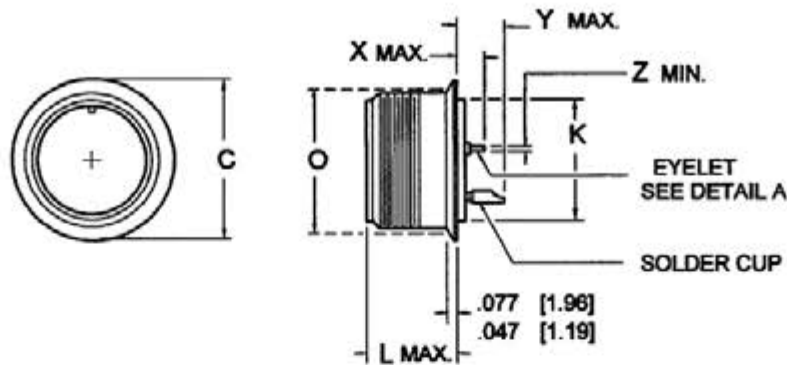
SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	L MAX.		O REF. MTG. HOLE	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+.025] [-0.13]
	SIZE 20, 16, 12 & 8 CONTACTS	SIZE 4 & 0 CONTACTS				
8S	.730 [18.54]	-	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	.730 [18.54]	-	.688 [17.48]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	.730 [18.54]	-	.688 [17.48]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12S	.730 [18.54]	-	.812 [20.62]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12	.915 [23.24]	-	.812 [20.62]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14S	.730 [18.54]	-	.938 [23.83]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
14	.915 [23.24]	-	.938 [23.83]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
16S	.730 [18.54]	1.040 [26.42]	1.062 [26.97]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16	.915 [23.24]	1.040 [26.42]	1.062 [26.97]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	.915 [23.24]	1.040 [26.42]	1.188 [30.18]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	.915 [23.24]	1.040 [26.42]	1.312 [33.32]	1.158 [29.36]	1.500 [38.10]	.120 [3.05]
22	.915 [23.24]	1.040 [26.42]	1.438 [36.53]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	.915 [23.24]	1.040 [26.42]	1.562 [39.67]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	.915 [23.24]	1.040 [26.42]	1.812 [46.02]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	.915 [23.24]	1.040 [26.42]	2.062 [52.37]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	.915 [23.24]	1.040 [26.42]	2.312 [58.72]	1.938 [49.22]	2.500 [63.50]	.173 [4.39]
40	.915 [23.24]	1.040 [26.42]	2.562 [65.07]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
44	.915 [23.24]	1.040 [26.42]	2.812 [71.42]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
48	.915 [23.24]	1.040 [26.42]	3.062 [77.77]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1B024A

HERMETIC SEAL **MS3143H** SOLDER MOUNT RECEPTACLE



SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	C ±.010 [±0.25]	K ±.010 [±0.25]	L MAX.		O REF. MTG. HOLE
			SIZE 20, 16, 12 & 8 CONTACTS	SIZE 4 & 0 CONTACTS	
8S	.750 [19.05]	.428 [10.87]	.730 [18.54]	-	.562 [14.27]
10S	.875 [22.22]	.490 [12.45]	.730 [18.54]	-	.688 [17.48]
10SL	.875 [22.22]	.490 [12.45]	.730 [18.54]	-	.688 [17.48]
12S	1.000 [25.40]	.646 [16.41]	.730 [18.54]	-	.812 [20.82]
12	1.000 [25.40]	.646 [16.41]	.915 [23.24]	-	.812 [20.82]
14S	1.125 [28.57]	.709 [18.01]	.730 [18.54]	-	.938 [23.83]
14	1.125 [28.57]	.709 [18.01]	.915 [23.24]	-	.938 [23.83]
16S	1.250 [31.75]	.834 [21.18]	.730 [18.54]	1.040 [26.42]	1.062 [26.97]
16	1.250 [31.75]	.834 [21.18]	.915 [23.24]	1.040 [26.42]	1.062 [26.97]
18	1.375 [34.92]	.959 [24.38]	.915 [23.24]	1.040 [26.42]	1.188 [30.18]
20	1.500 [38.10]	1.146 [29.11]	.915 [23.24]	1.040 [26.42]	1.312 [33.32]
22	1.625 [41.27]	1.240 [31.50]	.915 [23.24]	1.040 [26.42]	1.438 [36.53]
24	1.750 [44.45]	1.365 [34.67]	.915 [23.24]	1.040 [26.42]	1.562 [39.67]
28	2.000 [50.80]	1.615 [41.02]	.915 [23.24]	1.040 [26.42]	1.812 [46.02]
32	2.250 [57.15]	1.865 [47.37]	.915 [23.24]	1.040 [26.42]	2.062 [52.37]
36	2.500 [63.50]	2.115 [53.72]	.915 [23.24]	1.040 [26.42]	2.500 [63.50]
40	2.750 [69.85]	2.365 [60.07]	.915 [23.24]	1.040 [26.42]	2.750 [69.85]
44	3.000 [76.20]	2.615 [66.42]	.915 [23.24]	1.040 [26.42]	3.000 [76.20]
48	3.250 [82.55]	2.865 [72.77]	.915 [23.24]	1.040 [26.42]	3.250 [82.55]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

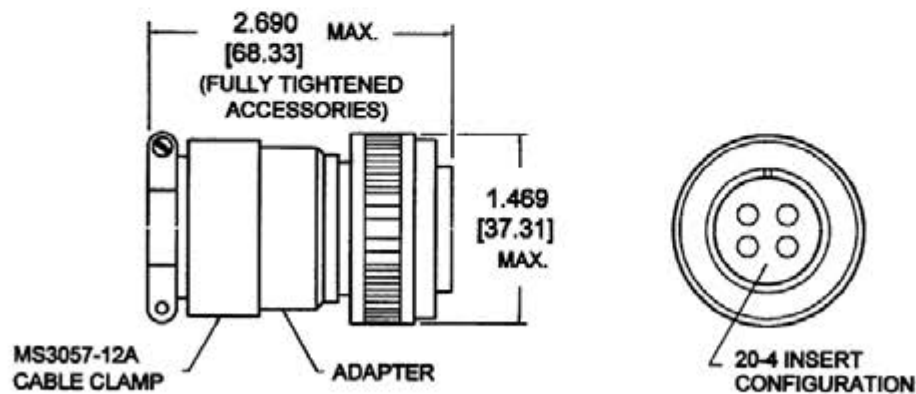
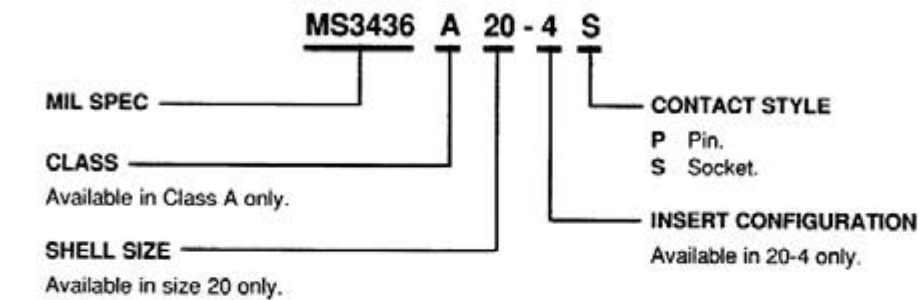
1B025

MIL-C-5015
SOLDER

1B

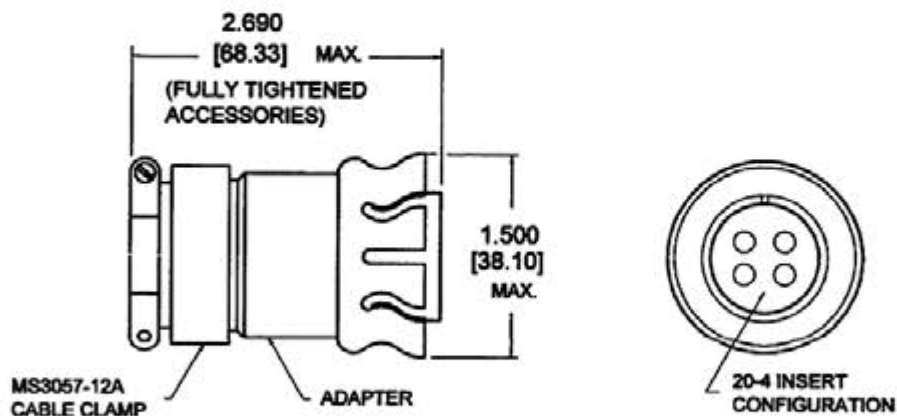
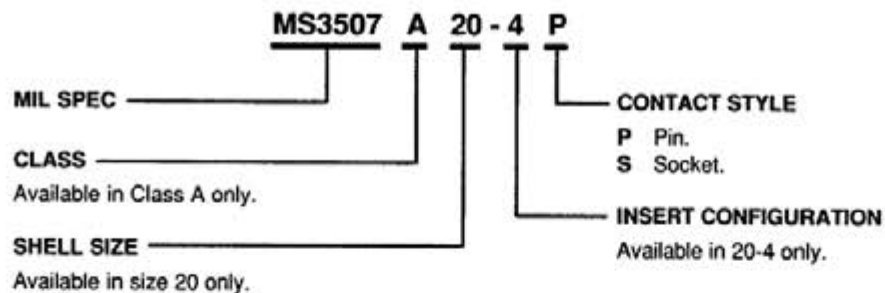
MS3436A

STRAIGHT PLUG, UTILITY

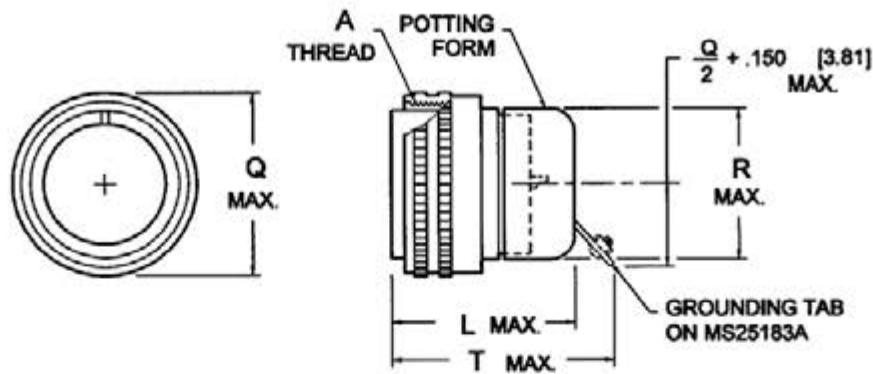


MS3507A

QUICK DISCONNECT STRAIGHT PLUG, UTILITY



POTTING SEAL **MS25183**
POTTING SEAL WITH GROUND LUG **MS25183A**
STRAIGHT PLUG



SEE SUPERSESSION DATA TABLE ON PAGE 1B-3

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX. (2)	Q MAX.	R MAX.	T MAX. (2)
8S	1/2-28 UNEF	1.500 [38.10]	.844 [21.44]	.613 [15.57]	1.875 [47.62]
10S	5/8-24 UNEF	1.500 [38.10]	.969 [24.61]	.707 [17.96]	1.875 [47.62]
10SL	5/8-24 UNEF	1.500 [38.10]	.969 [24.61]	.863 [21.92]	1.875 [47.62]
12S	3/4-20 UNEF	1.500 [38.10]	1.062 [26.97]	.863 [21.92]	1.875 [47.62]
12	3/4-20 UNEF	1.906 [48.41]	1.062 [26.97]	.863 [21.92]	2.281 [57.94]
14S	7/8-20 UNEF	1.500 [38.10]	1.156 [29.36]	.941 [23.90]	1.875 [47.62]
14	7/8-20 UNEF	1.906 [48.41]	1.156 [29.36]	.941 [23.90]	2.281 [57.94]
16S	1-20 UNEF	1.500 [38.10]	1.250 [31.75]	1.066 [27.08]	1.875 [47.62]
16	1-20 UNEF	1.906 [48.41]	1.250 [31.75]	1.066 [27.08]	2.281 [57.94]
18	1 1/8-18 UNEF	1.906 [48.41]	1.344 [34.14]	1.207 [30.66]	2.281 [57.94]
20	1 1/4-18 UNEF	2.188 [55.58]	1.469 [37.31]	1.332 [33.83]	2.594 [65.89]
22	1 3/8-18 UNEF	2.188 [55.58]	1.594 [40.49]	1.457 [37.01]	2.594 [65.89]
24	1 1/2-18 UNEF	2.188 [55.58]	1.719 [43.66]	1.582 [40.18]	2.594 [65.89]
28	1 3/4-18 UNS	2.188 [55.58]	1.969 [50.01]	1.832 [46.53]	2.594 [65.89]
32	2-18 UNS	2.188 [55.58]	2.219 [56.36]	2.082 [52.88]	2.594 [65.89]
36	2 1/4-18 UN	2.188 [55.58]	2.469 [62.71]	2.395 [60.83]	2.594 [65.89]
40	2 1/2-18 UN	2.188 [55.58]	2.719 [69.06]	2.594 [65.89]	2.594 [65.89]
44	2 3/4-18 UN	2.188 [55.58]	2.969 [75.41]	2.875 [73.02]	2.594 [65.89]
48	3-18 UN	2.188 [55.58]	3.219 [81.76]	3.125 [79.37]	2.594 [65.89]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 FOR SIZE "O" CONTACTS.

1B034

MIL-C-5015

CRIMP FRONT RELEASE

CONTACT CONNECTORS

壓接型插針 / 插座由連接器前方插入 / 退出方式

MIL-C-5015 CRIMP FRONT RELEASE ORDERING INFORMATION

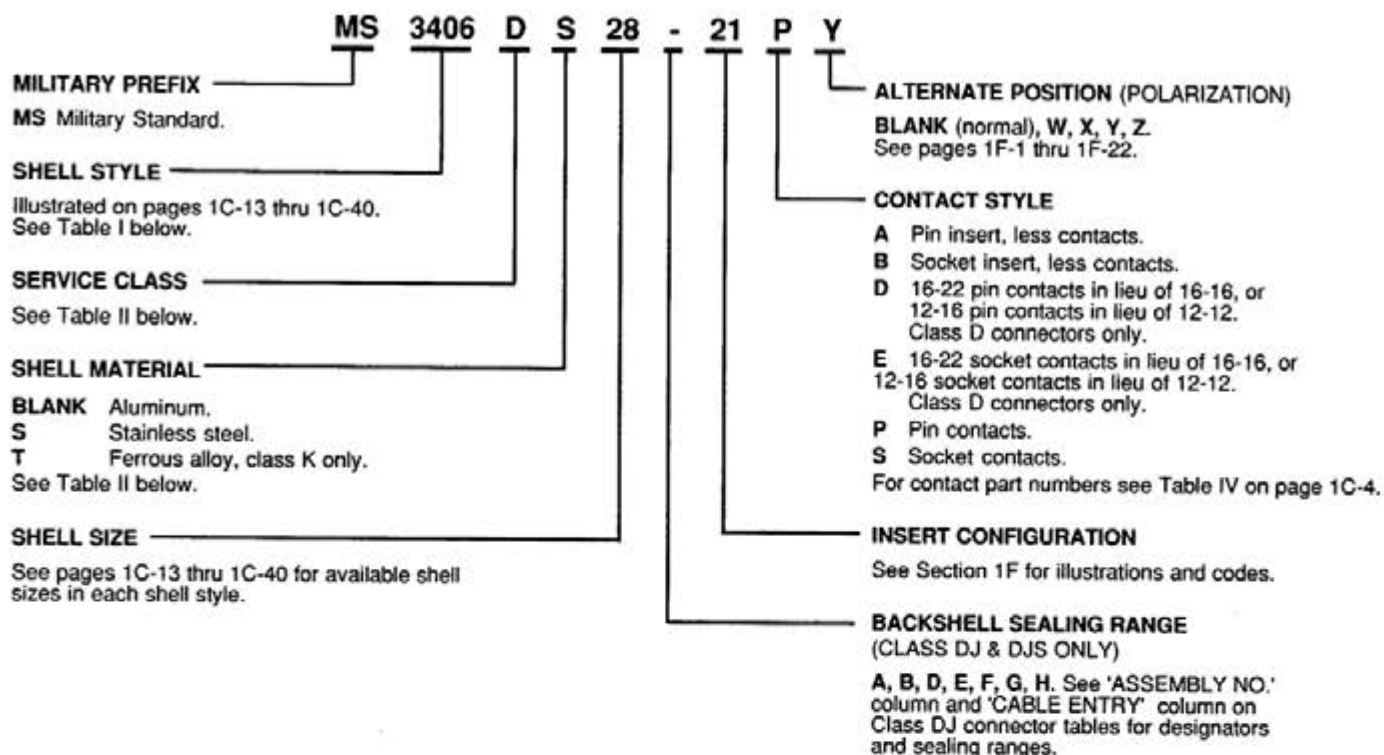


TABLE I. SHELL STYLE

MS NO.	DESCRIPTION	AVAILABLE IN CLASS	SEE PAGE
MS3400	Wall mount receptacle	D, DJ, K, L, U, W	1C-13, 1C-14
MS3401	In-line receptacle	D, DJ, L, U, W	1C-18, 1C-19
MS3402	Box mount receptacle	D, L, U, W	1C-23
MS3404	Jam nut receptacle	D, DJ, L, U, W	1C-24
MS3406	Straight plug	D, DJ, K, L, U, W	1C-25, 1C-26
MS3408	90° plug	D, DJ, L	1C-30, 1C-31
MS3409	45° plug	D, DJ	1C-35, 1C-36
MS3412	Box mount receptacle with threaded rear skirt	D, L, U, W	1C-40

1011

TABLE II. SERVICE CLASS/SHELL MATERIAL

CLASS	SHELL MATERIAL		FINISH	APPLICATION	TEMPERATURE	FLUID RESISTANCE
	CODE	MATERIAL				
D	Blank	Wrought aluminum	Cadmium olive drab, 500 hr	High shock	-55 + 175° C	Partial
DJ	Blank	Wrought aluminum	Cadmium olive drab, 500 hr	High shock Env.	-55 + 175° C	Partial
DJ	S	Stainless	Cadmium, black	High shock Env.	-55 + 175° C	Partial
D	S	Stainless	Cadmium, black	High shock	-55 + 175° C	Partial
K ¹	Blank	Carbon steel	Electroless nickel	Firewall	-55 + 175° C	Complete
K	S	Stainless	Passivated	Firewall	-55 + 175° C	Complete
K	T	Carbon steel	Cadmium olive drab, 96 hr	Firewall	-55 + 175° C	Complete
L ¹	Blank	Aluminum	Electroless nickel	High temperature	-55 + 200° C	Complete
L	S	Stainless	Passivated	High temperature	-55 + 200° C	Complete
U ¹	Blank	Aluminum	Electroless nickel	High temperature	-55 + 200° C	Partial
U ¹	S	Stainless	Passivated	High temperature	-55 + 200° C	Partial
W ¹	Blank	Aluminum	Cadmium olive drab, 96 hr	General purpose	-55 + 175° C	Complete

1. Inactive for new design.

1012

MIL-C-5015

CRIMP FRONT RELEASE

TABLE IV. INSERT AND CONTACT INFORMATION

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
8S-1	—	1	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
10S-2	10*2	1	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
10SL-3	11*3	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
10SL-4	11*4	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
12-5	—	1	1	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
12S-1	13*1	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
12S-2	13*2	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
12S-3	13*3	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
12S-4	13*4	1	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14-3	—	1	1	8	—	M39029/44-291	—	M39029/45-298
14S-1	15*1	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-2	15*2	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-4	15*4	1	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-5	15*5	5	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-6	15*6	6	6	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-7	15*7	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-9	15*9	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-10	15*10	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-11	15*11	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-12	15*12	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-13	15*13	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
14S-14	15*14	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16-2	—	1	1	12	M39029/44-298	M39029/44-290	M39029/45-296	M39029/45-297
16-7	—	3	2	16	—	M39029/44-288	—	M39029/45-295
			1	8		M39029/44-291		M39029/45-298
16-9	—	4	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
16-10	—	3	3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
16-11	—	2	2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
16-12	—	1	1	4	—	M39029/44-292	—	M39029/45-299
16S-1	17*1	7	7	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-3	17*3	1	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-4	17*4	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-5	17*5	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-6	17*6	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-8	17*8	5	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-14	17*14	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-15	17*15	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-16	17-16	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
16S-17	17*17	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-1	—	10	10	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-2	—	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-3	—	2	2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-4	—	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-5	—	3	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-6	—	1	1	4	—	M39029/44-292	—	M39029/45-299

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
18-7	—	1	1	8	—	M39029/44-291	—	M39029/45-298
18-8	—	8	7	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			1	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-9	—	7	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-10	—	4	4	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-11	—	5	5	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-12	—	6	6	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-13	—	4	3	12	—	M39029/44-290	—	M39029/45-297
			1	8	—	M39029/44-291	—	M39029/45-298
18-14	—	2	1	16	—	M39029/44-288	—	M39029/45-295
			1	4	—	M39029/44-292	—	M39029/45-299
18-17	—	7	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-18	—	7	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-19	—	10	10	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-20	—	5	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-21	—	3	3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-22	—	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-23	—	10	10	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-24	—	10	10	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-25	—	2	2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-26	—	2	2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-27	—	3	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-28	—	3	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
18-29	—	5	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-30	—	5	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
18-31	—	5	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-1	—	14	14	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-2	—	1	1	1/0	—	M39029/44-293	—	M39029/45-300
20-3	—	3	3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-4	—	4	4	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-5	—	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-6	—	3	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-7	—	8	8	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-8	—	6	4	16	—	M39029/44-288	—	M39029/45-295
			2	8	—	M39029/44-291	—	M39029/45-298
20-9	—	8	7	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			1	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-10	—	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-11	—	13	13	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-12	—	2	1	16	—	M39029/44-288	—	M39029/45-295
			1	4	—	M39029/44-292	—	M39029/45-299
20-13	—	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
20-14	-	5	3	12	-	M39029/44-290	-	M39029/45-297
			2	8		M39029/44-291		M39029/45-298
20-15	-	7	7	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-16	-	9	7	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-17	-	6	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			5	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-18	-	9	6	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-19	-	3	3	8	-	M39029/44-291	-	M39029/45-298
20-20	-	4	3	12	-	M39029/44-290	-	M39029/45-297
			1	4		M39029/44-292		M39029/45-299
20-21	-	9	8	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			1	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-22	-	6	3	16	-	M39029/44-288	-	M39029/45-295
			3	8		M39029/44-291		M39029/45-298
20-23	-	2	2	8	-	M39029/44-291	-	M39029/45-298
20-24	-	4	2	16	-	M39029/44-288	-	M39029/45-295
			2	8		M39029/44-291		M39029/45-298
20-25	-	13	13	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-26	-	3	3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
20-27	-	14	14	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-29	-	17	17	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-30	-	13	13	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-31	-	11	11	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-32	-	8	8	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
20-33	-	11	11	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-1	-	2	2	8	-	M39029/44-291	-	M39029/45-298
22-2	-	3	3	8	-	M39029/44-291	-	M39029/45-298
22-3	-	2	1	16	-	M39029/44-288	-	M39029/45-295
			1	4		M39029/44-292		M39029/45-299
22-4	-	4	2	12	-	M39029/44-290	-	M39029/45-297
			2	8		M39029/44-291		M39029/45-298
22-5	-	6	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-6	-	3	1	16	-	M39029/44-288	-	M39029/45-295
			2	8		M39029/44-291		M39029/45-298
22-7	-	1	1	1/0	-	M39029/44-293	-	M39029/45-300
22-8	-	2	2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-9	-	3	3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-10	-	4	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-11	-	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-12	-	5	3	16	-	M39029/44-288	-	M39029/45-295
			2	8		M39029/44-291		M39029/45-298
22-13	-	5	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			4	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
22-14	—	19	19	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-15	—	6	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			5	12	M39029/44-289	M39029/44-290	M39029/45-294	M39029/45-297
22-16	—	9	6	16	M39029/44-287	M39029/44-288	M39029/45-296	M39029/45-295
			3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-17	—	9	8	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			1	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-18	—	8	8	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-19	—	14	14	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-20	—	9	9	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-21	—	3	2	16	—	M39029/44-288	—	M39029/45-295
			1	1/0	—	M39029/44-293	—	M39029/45-300
22-22	—	4	4	8	—	M39029/44-291	—	M39029/45-298
22-23	—	8	8	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-24	—	6	1	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			5	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-25	—	3	2	16	—	M39029/44-288	—	M39029/45-295
			1	1/0	—	M39029/44-293	—	M39029/45-300
22-26	—	7	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-27	—	9	8	16	—	M39029/44-288	—	M39029/45-295
			1	8	—	M39029/44-291	—	M39029/45-298
22-28	—	7	7	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-29	—	7	6	16	—	M39029/44-288	—	M39029/45-295
			1	4	—	M39029/44-292	—	M39029/45-299
22-30	—	19	19	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-31	—	2	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-32	—	6	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-33	—	7	7	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
22-34	—	5	2	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			3	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
22-35	—	3	3	8	—	M39029/44-291	—	M39029/45-298
24-1	—	2	1	12	—	M39029/44-290	—	M39029/45-297
			1	1/0	—	M39029/44-293	—	M39029/45-300
24-2	—	7	7	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
24-3	—	7	5	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
24-4	—	4	3	12	—	M39029/44-290	—	M39029/45-297
			1	1/0	—	M39029/44-293	—	M39029/45-300
24-5	—	16	16	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
24-6	—	8	8	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
24-7	—	16	14	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
24-9	—	2	2	4	—	M39029/44-292	—	M39029/45-299
24-10	—	7	7	8	—	M39029/44-291	—	M39029/45-298
24-11	—	9	6	12	—	M39029/44-290	—	M39029/45-297
			3	8	—	M39029/44-291	—	M39029/45-298

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
24-12	-	5	3	12	-	M39029/44-290	-	M39029/45-297
			2	4		M39029/44-292		M39029/45-299
24-14	-	3	2	12	-	M39029/44-290	-	M39029/45-297
			1	1/0		M39029/44-293		M39029/45-300
24-15	-	16	16	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
24-16	-	7	3	16	-	M39029/44-288	-	M39029/45-295
			3	12		M39029/44-290		M39029/45-297
			1	8		M39029/44-291		M39029/45-298
24-17	-	5	3	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
24-19	-	12	12	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
24-20	-	11	9	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
24-21	-	10	9	16	-	M39029/44-288	-	M39029/45-295
			1	8		M39029/44-291		M39029/45-298
24-22	-	4	4	8	-	M39029/44-291	-	M39029/45-298
24-23	-	5	2	16	-	M39029/44-288	-	M39029/45-295
			3	8		M39029/44-291		M39029/45-298
24-24	-	16	16	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
24-25	-	8	8	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
24-26	-	8	8	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
24-27	-	7	7	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
24-28	-	24	24	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
24-80	-	23	23	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-1	-	9	6	12	-	M39029/44-290	-	M39029/45-297
			3	8		M39029/44-291		M39029/45-298
28-2	-	14	12	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-3	-	3	3	8	-	M39029/44-291	-	M39029/45-298
28-4	-	9	7	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
28-5	-	5	2	16	-	M39029/44-288	-	M39029/45-295
			1	12		M39029/44-290		M39029/45-297
			2	4		M39029/44-292		M39029/45-299
28-6	-	3	3	4	-	M39029/44-292	-	M39029/45-299
28-7	-	2	2	4	-	M39029/44-292	-	M39029/45-299
28-8	-	12	10	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
28-9	-	12	6	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			6	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
28-10	-	7	3	12	-	M39029/44-290	-	M39029/45-297
			2	8		M39029/44-291		M39029/45-298
			2	4		M39029/44-292		M39029/45-299
28-11	-	22	18	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			4	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
28-12	-	26	26	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-13	-	26	26	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
28-14	—	11	11	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-15	—	35	35	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-16	—	20	20	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-17	—	15	15	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-18	—	12	12	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-19	—	10	6	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			4	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
28-20	—	14	4	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			10	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
28-21	—	37	37	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
28-22	—	6	3	16	—	M39029/44-288	—	M39029/45-295
			3	4	—	M39029/44-292	—	M39029/45-299
28-23	—	24	21	16	—	M39029/44-288	—	M39029/45-295
			3	8S*	—	Mfr Supplied	—	Mfr Supplied
28-24	—	24	21	16	—	M39029/44-288	—	M39029/45-295
			3	8S*	—	Mfr Supplied	—	Mfr Supplied
32-1	—	5	3	12	—	M39029/44-290	—	M39029/45-297
			2	1/0	—	M39029/44-293	—	M39029/45-300
32-2	—	5	2	16	—	M39029/44-288	—	M39029/45-295
			3	4	—	M39029/44-292	—	M39029/45-299
32-3	—	9	4	16	—	M39029/44-288	—	M39029/45-295
			2	12	—	M39029/44-290	—	M39029/45-297
			2	4	—	M39029/44-292	—	M39029/45-299
			1	1/0	—	M39029/44-293	—	M39029/45-300
32-4	—	14	12	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			2	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
32-5	—	2	2	1/0	—	M39029/44-293	—	M39029/45-300
32-6	—	23	16	16	—	M39029/44-288	—	M39029/45-295
			2	12	—	M39029/44-290	—	M39029/45-297
			3	8	—	M39029/44-291	—	M39029/45-298
			2	4	—	M39029/44-292	—	M39029/45-299
32-7	—	35	28	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			7	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
32-8	—	30	24	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			6	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
32-9	—	14	12	16	—	M39029/44-288	—	M39029/45-295
			2	4	—	M39029/44-292	—	M39029/45-299
32-10	—	7	3	16	—	M39029/44-288	—	M39029/45-295
			2	8	—	M39029/44-291	—	M39029/45-298
			2	4	—	M39029/44-292	—	M39029/45-299
32-12	—	15	10	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			5	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
32-13	—	23	18	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			5	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
32-14	—	7	5	12	—	M39029/44-290	—	M39029/45-297
			2	4	—	M39029/44-293	—	M39029/45-300
32-15	—	8	6	12	—	M39029/44-290	—	M39029/45-297
			2	1/0	—	M39029/44-293	—	M39029/45-300

*8S = Size 8 shielded.

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
32-16	-	23	16 2 3 2	16 12 8 4	-	M39029/44-288 M39029/44-290 M39029/44-291 M39029/44-292	-	M39029/45-295 M39029/45-297 M39029/45-298 M39029/45-299
32-17	-	4	4	4	-	M39029/44-292	-	M39029/45-299
32-18	-	14	12 2	16 12	M39029/44-287 M39029/44-289	M39029/44-288 M39029/44-290	M39029/45-294 M39029/45-296	M39029/45-295 M39029/45-297
32-19	-	5	3 2	12 1/0	-	M39029/44-290 M39029/44-293	-	M39029/45-297 M39029/45-300
32-20	-	23	16 2 3 2	16 12 8 4	-	M39029/44-288 M39029/44-290 M39029/44-291 M39029/44-292	-	M39029/45-295 M39029/45-297 M39029/45-298 M39029/45-299
32-22	-	54	54	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
32-63	-	5	5	4	-	M39029/44-292	-	M39029/45-299
32-73	-	46	46	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
36-1	-	22	18 4	16 12	M39029/44-287 M39029/44-289	M39029/44-288 M39029/44-290	M39029/45-294 M39029/45-296	M39029/45-295 M39029/45-297
36-2	-	5	2 3	12 1/0	-	M39029/44-290 M39029/44-293	-	M39029/45-297 M39029/45-300
36-3	-	6	3 3	12 1/0	-	M39029/44-290 M39029/44-293	-	M39029/45-297 M39029/45-300
36-4	-	3	3	1/0	-	M39029/44-293	-	M39029/45-300
36-5	-	4	4	1/0	-	M39029/44-293	-	M39029/45-300
36-6	-	6	4	4	-	M39029/44-292	-	M39029/45-299
36-7	-	47	40 7	16 12	M39029/44-287 M39029/44-289	M39029/44-288 M39029/44-290	M39029/45-294 M39029/45-296	M39029/45-295 M39029/45-297
36-8	-	47	46 1	16 12	M39029/44-287 M39029/44-289	M39029/44-288 M39029/44-290	M39029/45-294 M39029/45-296	M39029/45-295 M39029/45-297
36-9	-	31	14 14 2 1	16 12 8 4	-	M39029/44-288 M39029/44-290 M39029/44-291 M39029/44-292	-	M39029/45-295 M39029/45-297 M39029/45-298 M39029/45-299
36-10	-	48	48	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
36-11	-	48	48	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
36-12	-	48	48	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
36-13	-	17	15 2	16 12	M39029/44-287 M39029/44-289	M39029/44-288 M39029/44-290	M39029/45-294 M39029/45-296	M39029/45-295 M39029/45-297
36-14	-	16	6 5 5	16 12 8	-	M39029/44-288 M39029/44-290 M39029/44-291	-	M39029/45-295 M39029/45-297 M39029/45-298
36-15	-	35	35	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
36-16	-	47	40 7	16 12	M39029/44-287 M39029/44-289	M39029/44-288 M39029/44-290	M39029/45-294 M39029/45-296	M39029/45-295 M39029/45-297
36-17	-	47	40 7	16 12	M39029/44-287 M39029/44-289	M39029/44-288 M39029/44-290	M39029/45-294 M39029/45-296	M39029/45-295 M39029/45-297

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
36-18	-	31	14	16	-	M39029/44-288	-	M39029/45-295
			14	12		M39029/44-290		M39029/45-297
			2	8		M39029/44-291		M39029/45-298
			1	4		M39029/44-292		M39029/45-299
36-19	-	17	10	16	-	M39029/44-288	-	M39029/45-295
			5	12		M39029/44-290		M39029/45-297
			1	4		M39029/44-292		M39029/45-299
			1	1/0		M39029/44-293		M39029/45-300
36-20	-	34	30	16	-	M39029/44-288	-	M39029/45-295
			2	12		M39029/44-290		M39029/45-297
			2	8		M39029/44-291		M39029/45-298
36-21	-	31	14	16	-	M39029/44-288	-	M39029/45-295
			14	12		M39029/44-290		M39029/45-297
			2	8		M39029/44-291		M39029/45-298
			1	4		M39029/44-292		M39029/45-299
36-52	-	52	50	16	-	M39029/44-288	-	M39029/45-295
			2	1/0		M39029/44-293		M39029/45-300
36-66	-	56	52	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			4	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
40-1	-	30	24	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			6	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
40-2	-	23	23	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
40-3	-	23	18	16	-	M39029/44-288	-	M39029/45-295
			4	12		M39029/44-290		M39029/45-297
			1	4		M39029/44-292		M39029/45-299
40-4	-	23	16	16	-	M39029/44-288	-	M39029/45-295
			2	12		M39029/44-290		M39029/45-297
			3	8		M39029/44-291		M39029/45-298
			2	4		M39029/44-292		M39029/45-299
40-5	-	15	6	12	-	M39029/44-290	-	M39029/45-297
			4	8		M39029/44-291		M39029/45-298
			2	4		M39029/44-292		M39029/45-299
			3	1/0		M39029/44-293		M39029/45-300
40-6	-	26	24	16	-	M39029/44-288	-	M39029/45-295
			1	12		M39029/44-290		M39029/45-297
			1	1/0		M39029/44-293		M39029/45-300
40-7	-	22	18	16	-	M39029/44-288	-	M39029/45-295
			2	12		M39029/44-290		M39029/45-297
			2	1/0		M39029/44-293		M39029/45-300
40-9	-	47	24	16	-	M39029/44-288	-	M39029/45-295
			22	12		M39029/44-290		M39029/45-297
			1	8		M39029/44-291		M39029/45-298
40-10	-	29	16	16	-	M39029/44-288	-	M39029/45-295
			9	8		M39029/44-291		M39029/45-298
			4	4		M39029/44-292		M39029/45-299

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CRIMP FRONT RELEASE

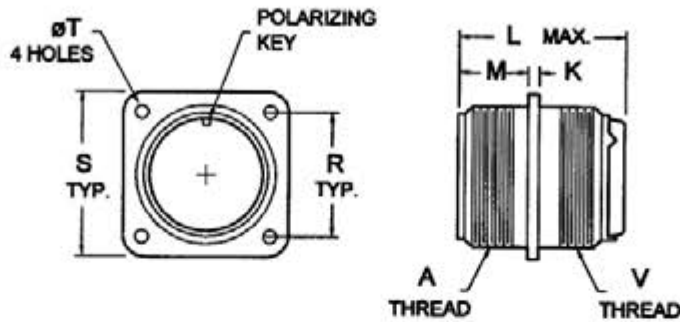
TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	ALTERNATE INSERT	CONTACTS			CONTACT PART NUMBER			
		TOTAL	QTY	SIZE	PIN		SOCKET	
					STYLE D	STYLE P	STYLE E	STYLE S
40-11	-	25	18	16	-	M39029/44-288	-	M39029/45-295
			4	12		M39029/44-290		M39029/45-297
			1	8		M39029/44-291		M39029/45-298
			1	4		M39029/44-292		M39029/45-299
			1	1/0		M39029/44-293		M39029/45-300
40-12	-	29	22	16	-	M39029/44-288	-	M39029/45-295
			6	12		M39029/44-290		M39029/45-297
			1	1/0		M39029/44-293		M39029/45-300
40-13	-	23	23	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
40-14	-	32	21	16	-	M39029/44-288	-	M39029/45-295
			10	12		M39029/44-290		M39029/45-297
			1	1/0		M39029/44-293		M39029/45-300
40-56	-	85	85	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
40-62	-	60	60	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
44-1	-	42	36	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			6	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
44-2	-	31	14	16	-	M39029/44-288	-	M39029/45-295
			14	12		M39029/44-290		M39029/45-297
			2	8		M39029/44-291		M39029/45-298
			1	4		M39029/44-292		M39029/45-299
44-3	-	31	24	16	-	M39029/44-288	-	M39029/45-295
			3	12		M39029/44-290		M39029/45-297
			2	8		M39029/44-291		M39029/45-298
			2	4		M39029/44-292		M39029/45-299
44-4	-	41	31	16	-	M39029/44-288	-	M39029/45-295
			8	12		M39029/44-290		M39029/45-297
			2	1/0		M39029/44-293		M39029/45-300
44-5	-	42	36	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			6	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
44-6	-	42	36	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			6	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
44-52	-	104	104	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
48-1	-	15	6	12	-	M39029/44-290	-	M39029/45-297
			4	8		M39029/44-291		M39029/45-298
			2	4		M39029/44-292		M39029/45-299
			3	1/0		M39029/44-293		M39029/45-300
48-2	-	47	46	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295
			1	12	M39029/44-289	M39029/44-290	M39029/45-296	M39029/45-297
48-3	-	25	18	16	-	M39029/44-288	-	M39029/45-295
			1	12		M39029/44-290		M39029/45-297
			3	8		M39029/44-291		M39029/45-298
			3	1/0		M39029/44-293		M39029/45-300
48-4	-	68	47	16	-	M39029/44-288	-	M39029/45-295
			16	12		M39029/44-290		M39029/45-297
			3	8		M39029/44-291		M39029/45-298
			2	1/0		M39029/44-293		M39029/45-300
48-5	-	100	90	16	-	M39029/44-288	-	M39029/45-295
			9	12		M39029/44-290		M39029/45-297
			1	8		M39029/44-291		M39029/45-298
48-62	-	85	85	16	M39029/44-287	M39029/44-288	M39029/45-294	M39029/45-295

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HIGH SHOCK **MS3400D**FIREWALL **MS3400K**HIGH TEMPERATURE **MS3400L, U**GENERAL PURPOSE **MS3400W**

WALL MOUNT RECEPTACLE

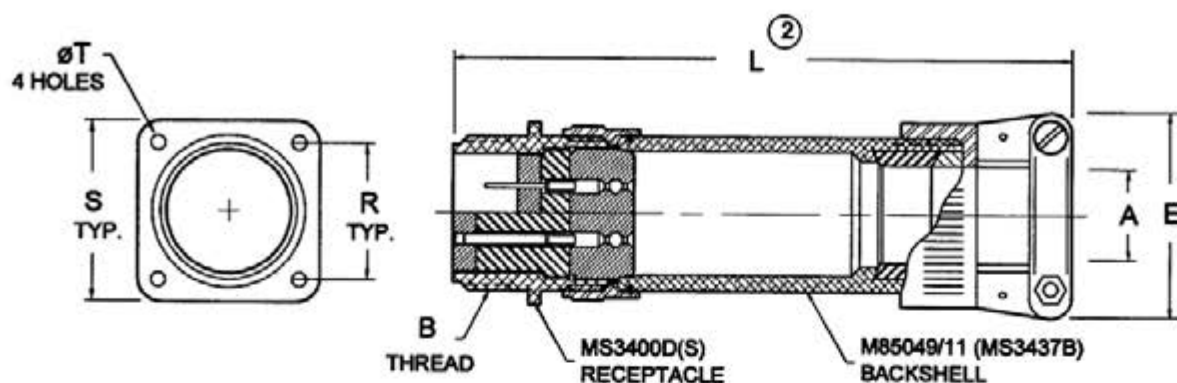

 MIL-C-5015
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SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.015 [±0.38]	L MAX		M +.031 -.000 [+0.79] [-0.00]	R T.P. Q - Q	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]		V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE					CLASS		
			16 & 12	8, 4 & 0				K	D, L, U, W	
8S	1/2-28 UNEF	.083 [2.11]	2.031 [51.50]	-	.562 [14.27]	.594 [15.09]	.875 [22.22]	.150 [3.81]	.120 [3.05]	1/2-20 UNF
10S	5/8-24 UNEF	.083 [2.11]	2.031 [51.50]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.150 [3.81]	.120 [3.05]	5/8-24 UNEF
10SL	5/8-24 UNEF	.083 [2.11]	2.031 [51.50]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.150 [3.81]	.120 [3.05]	5/8-24 UNEF
12S	3/4-20 UNEF	.083 [2.11]	2.031 [51.50]	-	.562 [14.27]	.812 [20.82]	1.094 [27.79]	.150 [3.81]	.120 [3.05]	3/4-20 UNEF
12	3/4-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.150 [3.81]	.120 [3.05]	3/4-20 UNEF
14S	7/8-20 UNEF	.083 [2.11]	2.031 [51.50]	-	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.150 [3.81]	.120 [3.05]	7/8-20 UNEF
14	7/8-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.150 [3.81]	.120 [3.05]	7/8-20 UNEF
16S	1-20 UNEF	.083 [2.11]	2.031 [51.50]	-	.562 [14.27]	.989 [24.81]	1.281 [32.54]	.150 [3.81]	.120 [3.05]	1-20 UNEF
16	1-20 UNEF	.083 [2.11]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	.989 [24.81]	1.281 [32.54]	.150 [3.81]	.120 [3.05]	1-20 UNEF
18	1 1/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.082 [26.97]	1.375 [34.92]	.177 [4.50]	.120 [3.05]	1 1/16-18 UNEF
20	1 1/4-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.177 [4.50]	.120 [3.05]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.177 [4.50]	.120 [3.05]	1 5/16-18 UNEF
24	1 1/2-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.177 [4.50]	.147 [3.73]	1 7/16-18 UNEF
28	1 3/4-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.177 [4.50]	.147 [3.73]	1 3/4-18 UNS
32	2-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.209 [5.31]	.173 [4.39]	2-18 UNS
36	2 1/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	1.938 [49.22]	2.500 [63.50]	.209 [5.31]	.173 [4.39]	2 1/4-18 UN
40	2 1/2-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.209 [5.31]	.173 [4.39]	2 1/2-18 UN
44	2 3/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.209 [5.31]	.173 [4.39]	2 3/4-18 UN
48	3-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.209 [5.31]	.173 [4.39]	3-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1C038

MS3400DJ HIGH SHOCK WALL MOUNT RECEPTACLE



ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. (2)	R ±.005 [±0.13]	S ±.031 [±0.79]	øT MAX.
			MAX.	MIN.						
MS3400DJ 10AXX	MS3400D -10S-XX	M85049/11 -09W	.312 [7.92]	.125 [3.17]	.825-24UNEF	.957 [24.31]	4.938 [125.43]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
MS3400DJ 10BXX	MS3400D -10S-XX	M85049/11 -11W	.437 [11.10]	.250 [6.35]	.825-24UNEF	1.145 [29.08]	5.688 [144.48]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
MS3400DJ 10DXX	MS3400D -10S-XX	M85049/11 -136W	.375 [9.52]	.250 [6.35]	.825-24UNEF	1.145 [29.08]	4.938 [125.43]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
MS3400DJ 11AXX	MS3400D -10SL-XX	M85049/11 -09W	.312 [7.92]	.125 [3.17]	.825-24UNEF	.957 [24.31]	4.938 [125.43]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
MS3400DJ 11BXX	MS3400D -10SL-XX	M85049/11 -11W	.437 [11.10]	.250 [6.35]	.825-24UNEF	1.145 [29.08]	5.688 [144.48]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
MS3400DJ 11DXX	MS3400D -10SL-XX	M85049/11 -136W	.375 [9.52]	.250 [6.35]	.825-24UNEF	1.145 [29.08]	4.938 [125.43]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
MS3400DJ 12AXX	MS3400D -12-XX	M85049/11 -114W	.312 [7.92]	.125 [3.17]	.750-20UNEF	.957 [24.31]	4.938 [125.43]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 12BXX	MS3400D -12-XX	M85049/11 -15W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	5.688 [144.48]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 12DXX	MS3400D -12-XX	M85049/11 -136W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	4.938 [125.43]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 12EXX	MS3400D -12-XX	M85049/11 -13W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.145 [29.08]	4.938 [125.43]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 13AXX	MS3400D -12S-XX	M85049/11 -114W	.312 [7.92]	.125 [3.17]	.750-20UNEF	.957 [24.31]	4.938 [125.43]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 13BXX	MS3400D -12S-XX	M85049/11 -15W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	5.688 [144.48]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 13DXX	MS3400D -12S-XX	M85049/11 -136W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	4.938 [125.43]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 13EXX	MS3400D -12S-XX	M85049/11 -13W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.145 [29.08]	4.938 [125.43]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
MS3400DJ 14AXX	MS3400D -14-XX	M85049/11 -116W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.145 [29.08]	4.938 [125.43]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
MS3400DJ 14BXX	MS3400D -14-XX	M85049/11 -19W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.551 [39.40]	5.750 [146.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C495
MS3400DJ-1

HIGH SHOCK **MS3400DJ** WALL MOUNT RECEPTACLE

CONTINUED FROM PRECEEDING PAGE

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. (2)	R ±.005 [±0.13]	S ±.031 [±0.79]	øT MAX.
			MAX.	MIN.						
MS3400DJ 14DXX	MS3400D -14-XX	M85049/11 -17W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.332 [33.83]	4.938 [125.43]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
MS3400DJ 14EXX	MS3400D -14-XX	M85049/11 -150W	.312 [7.92]	.125 [3.17]	.875-20UNEF	.957 [24.31]	4.938 [125.43]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
MS3400DJ 15AXX	MS3400D -14S-XX	M85049/11 -118W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.145 [29.08]	4.938 [125.43]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
MS3400DJ 15BXX	MS3400D -14S-XX	M85049/11 -19W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.551 [39.40]	5.750 [146.05]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
MS3400DJ 15DXX	MS3400D -14S-XX	M85049/11 -17W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.332 [33.83]	4.938 [125.43]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
MS3400DJ 15EXX	MS3400D -14S-XX	M85049/11 -150W	.312 [7.92]	.125 [3.17]	.875-20UNEF	.957 [24.31]	4.938 [125.43]	.908 [23.01]	1.188 [30.18]	.120 [3.05]
MS3400DJ 16AXX	MS3400D -16-XX	M85049/11 -21W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.551 [39.40]	5.000 [127.00]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 16BXX	MS3400D -16-XX	M85049/11 -23W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.770 [44.98]	5.812 [147.62]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 16DXX	MS3400D -16-XX	M85049/11 -112W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.145 [29.08]	4.938 [125.43]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 16EXX	MS3400D -16-XX	M85049/11 -118W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.332 [33.83]	4.938 [125.43]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 17AXX	MS3400D -16S-XX	M85049/11 -21W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.551 [39.40]	5.000 [127.00]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 17BXX	MS3400D -16S-XX	M85049/11 -23W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.770 [44.98]	5.812 [147.62]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 17DXX	MS3400D -16S-XX	M85049/11 -112W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.145 [29.08]	4.938 [125.43]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 17EXX	MS3400D -16S-XX	M85049/11 -118W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.332 [33.83]	4.938 [125.43]	.969 [24.61]	1.284 [32.61]	.120 [3.05]
MS3400DJ 18AXX	MS3400D -18-XX	M85049/11 -25W	.625 [15.87]	.350 [8.89]	1.125-18UNEF	1.332 [33.83]	4.938 [125.43]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
MS3400DJ 18BXX	MS3400D -18-XX	M85049/11 -27W	.750 [19.05]	.500 [12.70]	1.125-18UNEF	1.551 [39.40]	5.000 [127.00]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
MS3400DJ 18EXX	MS3400D -18-XX	M85049/11 -120W	.312 [7.92]	.125 [3.17]	1.125-18UNEF	.957 [24.31]	4.938 [125.43]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
MS3400DJ 18FXX	MS3400D -18-XX	M85049/11 -122W	.437 [11.10]	.250 [6.35]	1.125-18UNEF	1.145 [29.08]	4.938 [125.43]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
MS3400DJ 20AXX	MS3400D -20-XX	M85049/11 -31W	.625 [15.87]	.350 [8.89]	1.250-18UNEF	1.332 [33.83]	5.938 [150.83]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
MS3400DJ 20BXX	MS3400D -20-XX	M85049/11 -33W	.750 [19.05]	.500 [12.70]	1.250-18UNEF	1.551 [39.40]	6.000 [152.40]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
MS3400DJ 20EXX	MS3400D -20-XX	M85049/11 -37W	1.250 [31.75]	.875 [22.22]	1.250-18UNEF	2.113 [53.67]	7.062 [179.37]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
MS3400DJ 20FXX	MS3400D -20-XX	M85049/11 -124W	.437 [11.10]	.250 [6.35]	1.250-18UNEF	1.145 [29.08]	5.938 [150.83]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

1C496
MS3400DJ-2

CONTINUED ON NEXT PAGE

MIL-C-5015
1C CRIMP FRONT RELEASE

MS3400DJ HIGH SHOCK WALL MOUNT RECEPTACLE

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. (2)	R ±.005 [±0.13]	S ±.031 [±0.79]	ØT MAX.
			MAX.	MIN.						
MS3400DJ 20GXX	MS3400D -20-XX	M85049/11 -140W	.904 [22.98]	.625 [15.87]	1.250-18UNEF	1.770 [44.96]	6.062 [153.97]	1.158 [29.36]	1.500 [38.10]	.120 [3.05]
MS3400DJ 22AXX	MS3400D -22-XX	M85049/11 -39W	.625 [15.87]	.350 [8.89]	1.375-18UNEF	1.332 [33.83]	5.938 [150.83]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
MS3400DJ 22BXX	MS3400D -22-XX	M85049/11 -41W	.750 [19.05]	.500 [12.70]	1.375-18UNEF	1.551 [39.40]	6.000 [152.40]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
MS3400DJ 22DXX	MS3400D -22-XX	M85049/11 -43W	.937 [23.80]	.625 [15.87]	1.375-18UNEF	1.770 [44.96]	6.062 [153.97]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
MS3400DJ 22EXX	MS3400D -22-XX	M85049/11 -45W	1.250 [31.75]	.875 [22.22]	1.375-18UNEF	2.113 [53.67]	7.062 [179.37]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
MS3400DJ 22FXX	MS3400D -22-XX	M85049/11 -126W	.312 [7.92]	.125 [3.17]	1.375-18UNEF	.957 [24.31]	5.938 [150.83]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
MS3400DJ 22GXX	MS3400D -22-XX	M85049/11 -128W	.437 [11.10]	.250 [6.35]	1.375-18UNEF	1.145 [29.08]	5.938 [150.83]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
MS3400DJ 22HXX	MS3400D -22-XX	M85049/11 -142W	1.029 [26.14]	.875 [22.22]	1.375-18UNEF	2.113 [53.67]	6.312 [160.32]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
MS3400DJ 24AXX	MS3400D -24-XX	M85049/11 -47W	.750 [19.05]	.500 [12.70]	1.500-18UNEF	1.551 [39.40]	6.000 [152.40]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
MS3400DJ 24BXX	MS3400D -24-XX	M85049/11 -49W	.812 [20.62]	.625 [15.87]	1.500-18UNEF	1.770 [44.96]	6.062 [153.97]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
MS3400DJ 24DXX	MS3400D -24-XX	M85049/11 -51W	.937 [23.80]	.625 [15.87]	1.500-18UNEF	1.770 [44.96]	6.062 [153.97]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
MS3400DJ 24EXX	MS3400D -24-XX	M85049/11 -53W	1.250 [31.75]	.875 [22.22]	1.500-18UNEF	2.113 [53.67]	7.062 [179.37]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
MS3400DJ 24FXX	MS3400D -24-XX	M85049/11 -130W	.625 [15.87]	.350 [8.89]	1.500-18UNEF	1.332 [33.83]	5.938 [150.83]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
MS3400DJ 24GXX	MS3400D -24-XX	M85049/11 -144W	1.144 [29.08]	.875 [22.22]	1.500-18UNEF	2.113 [53.67]	6.312 [160.32]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
MS3400DJ 28AXX	MS3400D -28-XX	M85049/11 -55W	.750 [19.05]	.500 [12.70]	1.750-18UNS	1.551 [39.40]	6.000 [152.40]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
MS3400DJ 28BXX	MS3400D -28-XX	M85049/11 -57W	.937 [23.80]	.625 [15.87]	1.750-18UNS	1.770 [44.96]	6.062 [153.97]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
MS3400DJ 28DXX	MS3400D -28-XX	M85049/11 -59W	1.250 [31.75]	.875 [22.22]	1.750-18UNS	2.113 [53.67]	6.312 [160.32]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
MS3400DJ 28EXX	MS3400D -28-XX	M85049/11 -61W	1.375 [34.92]	1.000 [25.40]	1.750-18UNS	2.363 [60.02]	6.438 [163.53]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
MS3400DJ 32AXX	MS3400D -32-XX	M85049/11 -63W	.937 [23.80]	.625 [15.87]	2.000-18UNS	1.770 [44.96]	6.062 [153.97]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
MS3400DJ 32BXX	MS3400D -32-XX	M85049/11 -65W	1.250 [31.75]	.875 [22.22]	2.000-18UNS	2.113 [53.67]	6.312 [160.32]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
MS3400DJ 32DXX	MS3400D -32-XX	M85049/11 -67W	1.375 [34.92]	1.000 [25.40]	2.000-18UNS	2.363 [60.02]	6.438 [163.53]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C497
MS3400DJ-3

HIGH SHOCK **MS3400DJ** WALL MOUNT RECEPTACLE

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. (2)	R ±.005 [±0.13]	S ±.031 [±0.79]	øT MAX.
			MAX.	MIN.						
MS3400DJ 32EXX	MS3400D -32-XX	M85049/11 -69W	1.625 [41.27]	1.250 [31.75]	2.000-18UNS	2.770 [70.36]	6.750 [171.45]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
MS3400DJ 36AXX	MS3400D -36-XX	M85049/11 -71W	1.250 [31.75]	.875 [22.22]	2.250-16UN	2.113 [53.67]	7.312 [185.72]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
MS3400DJ 36BXX	MS3400D -36-XX	M85049/11 -73W	1.375 [34.92]	1.000 [25.40]	2.250-16UN	2.363 [60.02]	7.438 [188.93]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
MS3400DJ 36DXX	MS3400D -36-XX	M85049/11 -75W	1.625 [41.27]	1.250 [31.75]	2.250-16UN	2.770 [70.36]	7.688 [195.28]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
MS3400DJ 36EXX	MS3400D -36-XX	M85049/11 -148W	1.840 [46.74]	1.437 [36.50]	2.250-16UN	3.020 [76.71]	7.750 [196.85]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
MS3400DJ 36FXX	MS3400D -36-XX	M85049/11 -132W	.750 [19.05]	.600 [15.24]	2.250-16UN	1.551 [39.40]	7.000 [177.80]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
MS3400DJ 36GXX	MS3400D -36-XX	M85049/11 -148W	.937 [23.80]	.825 [20.94]	2.250-16UN	1.770 [44.96]	7.062 [179.37]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
MS3400DJ 40AXX	MS3400D -40-XX	M85049/11 -79W	1.250 [31.75]	.875 [22.22]	2.500-16UN	2.113 [53.67]	7.312 [185.72]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
MS3400DJ 40BXX	MS3400D -40-XX	M85049/11 -81W	1.375 [34.92]	1.000 [25.40]	2.500-16UN	2.363 [60.02]	7.438 [188.93]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
MS3400DJ 40DXX	MS3400D -40-XX	M85049/11 -83W	1.625 [41.27]	1.250 [31.75]	2.500-16UN	2.770 [70.36]	7.688 [195.28]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
MS3400DJ 40EXX	MS3400D -40-XX	M85049/11 -85W	1.840 [46.74]	1.437 [36.50]	2.500-16UN	3.020 [76.71]	7.750 [196.85]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
MS3400DJ 40FXX	MS3400D -40-XX	M85049/11 -134W	.750 [19.05]	.600 [15.24]	2.500-16UN	1.551 [39.40]	7.000 [177.80]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
MS3400DJ 44AXX	MS3400D -44-XX	M85049/11 -87W	1.250 [31.75]	.875 [22.22]	2.750-16UN	2.113 [53.67]	7.312 [185.72]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
MS3400DJ 44BXX	MS3400D -44-XX	M85049/11 -89W	1.375 [34.92]	1.000 [25.40]	2.750-16UN	2.363 [60.02]	7.438 [188.93]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
MS3400DJ 44DXX	MS3400D -44-XX	M85049/11 -91W	1.625 [41.27]	1.250 [31.75]	2.750-16UN	2.770 [70.36]	7.688 [195.28]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
MS3400DJ 44EXX	MS3400D -44-XX	M85049/11 -93W	1.840 [46.74]	1.437 [36.50]	2.750-16UN	3.020 [76.71]	7.750 [196.85]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
MS3400DJ 44FXX	MS3400D -44-XX	M85049/11 -154W	.937 [23.80]	.825 [20.94]	2.750-16UN	1.770 [44.96]	7.062 [179.37]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
MS3400DJ 48AXX	MS3400D -48-XX	M85049/11 -95W	1.250 [31.75]	.875 [22.22]	3.000-16UN	2.113 [53.67]	7.312 [185.72]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]
MS3400DJ 48BXX	MS3400D -48-XX	M85049/11 -97W	1.375 [34.92]	1.000 [25.40]	3.000-16UN	2.363 [60.02]	7.438 [188.93]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]
MS3400DJ 48DXX	MS3400D -48-XX	M85049/11 -99W	1.625 [41.27]	1.250 [31.75]	3.000-16UN	2.770 [70.36]	7.688 [195.28]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]
MS3400DJ 48EXX	MS3400D -48-XX	M85049/11 -101W	1.840 [46.74]	1.437 [36.50]	3.000-16UN	3.020 [76.71]	7.750 [196.85]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]

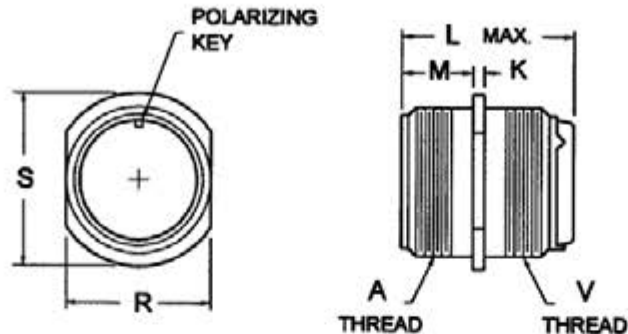
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

1C498
MS3400DJ-4

MIL-C-5015
1C CRIMP FRONT RELEASE

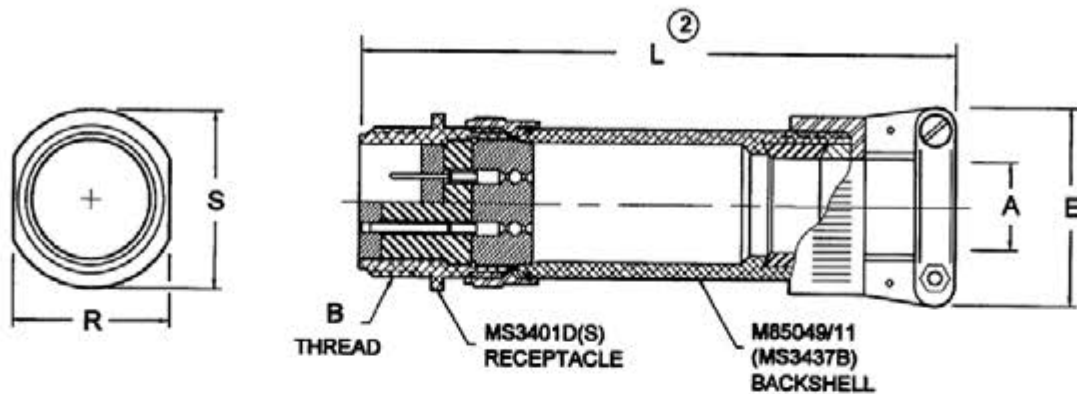
MS3401D HIGH SHOCK
MS3401L, U HIGH TEMPERATURE
MS3401W GENERAL PURPOSE
 IN-LINE RECEPTACLE



SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.015 [±0.38]	L MAX.		M +.031 -.000 [+0.79] [-0.00]	R		S ±.031 [±0.79]	V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE			MAX.	MIN.		
			16 & 12	8, 4 & 0					
8S	1/2-28 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.504 [12.80]	.496 [12.60]	.729 [18.52]	1/2-20 UNF
10S	5/8-24 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.629 [15.98]	.621 [15.77]	.854 [21.69]	5/8-24 UNEF
10SL	5/8-24 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.629 [15.98]	.621 [15.77]	.854 [21.69]	5/8-24 UNEF
12S	3/4-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.754 [19.15]	.746 [18.95]	.974 [24.74]	3/4-20 UNEF
12	3/4-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.754 [19.15]	.746 [18.95]	.974 [24.74]	3/4-20 UNEF
14S	7/8-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.879 [22.33]	.871 [22.12]	1.099 [27.91]	7/8-20 UNEF
14	7/8-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.879 [22.33]	.871 [22.12]	1.099 [27.91]	7/8-20 UNEF
16S	1-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	1.005 [25.53]	.996 [25.30]	1.224 [31.09]	1-20 UNEF
16	1-20 UNEF	.083 [2.11]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.005 [25.53]	.996 [25.30]	1.224 [31.09]	1-20 UNEF
18	1 1/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.131 [28.73]	1.121 [28.47]	1.349 [34.26]	1 1/16-18 UNEF
20	1 1/4-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.256 [31.90]	1.246 [31.65]	1.474 [37.44]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.381 [35.08]	1.371 [34.82]	1.599 [40.61]	1 5/16-18 UNEF
24	1 1/2-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.506 [38.25]	1.496 [38.00]	1.715 [43.50]	1 7/16-18 UNEF
28	1 3/4-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.756 [44.60]	1.746 [44.35]	1.974 [50.14]	1 3/4-18 UNS
32	2-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.007 [50.98]	1.996 [50.70]	2.224 [56.49]	2-18 UNS
36	2 1/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.257 [57.33]	2.246 [57.05]	2.474 [62.84]	2 1/4-18 UN
40	2 1/2-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.511 [63.78]	2.496 [63.40]	2.724 [69.19]	2 1/2-18 UN
44	2 3/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.761 [70.13]	2.746 [69.75]	2.974 [75.54]	2 3/4-18 UN
48	3-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	3.011 [76.48]	2.996 [76.10]	3.224 [81.89]	3-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

HIGH SHOCK **MS3401DJ** IN-LINE RECEPTACLE



MIL-C-5015
CRIMP FRONT RELEASE

1C

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. ②	R ±.004 [±0.10]	S ±.015 [±0.38]
			MAX.	MIN.					
MS3401DJ 10AXX	MS3401D -10S-XX	M85049/11 -09W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.957 [24.31]	4.938 [125.43]	.625 [15.88]	.854 [21.69]
MS3401DJ 10BXX	MS3401D -10S-XX	M85049/11 -11W	.437 [11.10]	.250 [6.35]	.625-24UNEF	1.145 [29.08]	5.688 [144.48]	.625 [15.88]	.854 [21.69]
MS3401DJ 10DXX	MS3401D -10S-XX	M85049/11 -136W	.375 [9.52]	.250 [6.35]	.625-24UNEF	1.145 [29.08]	4.938 [125.43]	.625 [15.88]	.854 [21.69]
MS3401DJ 11AXX	MS3401D -10SL-XX	M85049/11 -09W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.957 [24.31]	4.938 [125.43]	.625 [15.88]	.854 [21.69]
MS3401DJ 11BXX	MS3401D -10SL-XX	M85049/11 -11W	.437 [11.10]	.250 [6.35]	.625-24UNEF	1.145 [29.08]	5.688 [144.48]	.625 [15.88]	.854 [21.69]
MS3401DJ 11DXX	MS3401D -10SL-XX	M85049/11 -136W	.375 [9.52]	.250 [6.35]	.625-24UNEF	1.145 [29.08]	4.938 [125.43]	.625 [15.88]	.854 [21.69]
MS3401DJ 12AXX	MS3401D -12-XX	M85049/11 -114W	.312 [7.92]	.125 [3.17]	.750-20UNEF	.957 [24.31]	4.938 [125.43]	.750 [19.05]	.974 [24.74]
MS3401DJ 12BXX	MS3401D -12-XX	M85049/11 -15W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	5.688 [144.48]	.750 [19.05]	.974 [24.74]
MS3401DJ 12DXX	MS3401D -12-XX	M85049/11 -136W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	4.938 [125.43]	.750 [19.05]	.974 [24.74]
MS3401DJ 12EXX	MS3401D -12-XX	M85049/11 -13W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.145 [29.08]	4.938 [125.43]	.750 [19.05]	.974 [24.74]
MS3401DJ 13AXX	MS3401D -12S-XX	M85049/11 -114W	.312 [7.92]	.125 [3.17]	.750-20UNEF	.957 [24.31]	4.938 [125.43]	.750 [19.05]	.974 [24.74]
MS3401DJ 13BXX	MS3401D -12S-XX	M85049/11 -15W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	5.688 [144.48]	.750 [19.05]	.974 [24.74]
MS3401DJ 13DXX	MS3401D -12S-XX	M85049/11 -136W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.332 [33.83]	4.938 [125.43]	.750 [19.05]	.974 [24.74]
MS3401DJ 13EXX	MS3401D -12S-XX	M85049/11 -13W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.145 [29.08]	4.938 [125.43]	.750 [19.05]	.974 [24.74]
MS3401DJ 14AXX	MS3401D -14-XX	M85049/11 -116W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.145 [29.08]	4.938 [125.43]	.875 [22.23]	1.099 [27.91]
MS3401DJ 14BXX	MS3401D -14-XX	M85049/11 -19W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.551 [39.40]	5.750 [146.05]	.875 [22.23]	1.099 [27.91]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

② ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C502
MS3401DJ-1

MS3401DJ HIGH SHOCK IN-LINE RECEPTACLE

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. (2)	R ±.004 [±0.10]	S ±.015 [±0.38]
			MAX.	MIN.					
MS3401DJ 14DXX	MS3401D -14-XX	M85049/11 -17W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.332 [33.83]	4.938 [125.43]	.875 [22.23]	1.099 [27.91]
MS3401DJ 14EXX	MS3401D -14-XX	M85049/11 -150W	.312 [7.92]	.125 [3.17]	.875-20UNEF	.957 [24.31]	4.938 [125.43]	.875 [22.23]	1.099 [27.91]
MS3401DJ 15AXX	MS3401D -14S-XX	M85049/11 -118W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.145 [29.08]	4.938 [125.43]	.875 [22.23]	1.099 [27.91]
MS3401DJ 15BXX	MS3401D -14S-XX	M85049/11 -19W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.551 [39.40]	5.750 [148.05]	.875 [22.23]	1.099 [27.91]
MS3401DJ 15DXX	MS3401D -14S-XX	M85049/11 -17W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.332 [33.83]	4.938 [125.43]	.875 [22.23]	1.099 [27.91]
MS3401DJ 15EXX	MS3401D -14S-XX	M85049/11 -150W	.312 [7.92]	.125 [3.17]	.875-20UNEF	.957 [24.31]	4.938 [125.43]	.875 [22.23]	1.099 [27.91]
MS3401DJ 16AXX	MS3401D -16-XX	M85049/11 -21W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.551 [39.40]	5.000 [127.00]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 16BXX	MS3401D -16-XX	M85049/11 -23W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.770 [44.96]	5.812 [147.62]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 16DXX	MS3401D -16-XX	M85049/11 -112W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.145 [29.08]	4.938 [125.43]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 16EXX	MS3401D -16-XX	M85049/11 -118W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.332 [33.83]	4.938 [125.43]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 17AXX	MS3401D -16S-XX	M85049/11 -21W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.551 [39.40]	5.000 [127.00]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 17BXX	MS3401D -16S-XX	M85049/11 -23W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.770 [44.96]	5.812 [147.62]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 17DXX	MS3401D -16S-XX	M85049/11 -112W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.145 [29.08]	4.938 [125.43]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 17EXX	MS3401D -16S-XX	M85049/11 -118W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.332 [33.83]	4.938 [125.43]	1.000 [25.40]	1.224 [31.09]
MS3401DJ 18AXX	MS3401D -18-XX	M85049/11 -25W	.625 [15.87]	.350 [8.89]	1.125-18UNEF	1.332 [33.83]	4.938 [125.43]	1.125 [28.58]	1.349 [34.26]
MS3401DJ 18BXX	MS3401D -18-XX	M85049/11 -27W	.750 [19.05]	.500 [12.70]	1.125-18UNEF	1.551 [39.40]	5.000 [127.00]	1.125 [28.58]	1.349 [34.26]
MS3401DJ 18EXX	MS3401D -18-XX	M85049/11 -120W	.312 [7.92]	.125 [3.17]	1.125-18UNEF	.957 [24.31]	4.938 [125.43]	1.125 [28.58]	1.349 [34.26]
MS3401DJ 18FXX	MS3401D -18-XX	M85049/11 -122W	.437 [11.10]	.250 [6.35]	1.125-18UNEF	1.145 [29.08]	4.938 [125.43]	1.125 [28.58]	1.349 [34.26]
MS3401DJ 20AXX	MS3401D -20-XX	M85049/11 -31W	.625 [15.87]	.350 [8.89]	1.250-18UNEF	1.332 [33.83]	5.938 [150.83]	1.250 [31.75]	1.474 [37.44]
MS3401DJ 20BXX	MS3401D -20-XX	M85049/11 -33W	.750 [19.05]	.500 [12.70]	1.250-18UNEF	1.551 [39.40]	6.000 [152.40]	1.250 [31.75]	1.474 [37.44]
MS3401DJ 20EXX	MS3401D -20-XX	M85049/11 -37W	1.250 [31.75]	.875 [22.22]	1.250-18UNEF	2.113 [53.67]	7.062 [179.37]	1.250 [31.75]	1.474 [37.44]
MS3401DJ 20FXX	MS3401D -20-XX	M85049/11 -124W	.437 [11.10]	.250 [6.35]	1.250-18UNEF	1.145 [29.08]	5.938 [150.83]	1.250 [31.75]	1.474 [37.44]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C503
MS3401DJ-2

HIGH SHOCK **MS3401DJ** IN-LINE RECEPTACLE

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. (2)	R ±.004 [±0.10]	S ±.015 [±0.38]
			MAX.	MIN.					
MS3401DJ 20GXX	MS3401D -20-XX	M85049/11 -140W	.904 [22.96]	.825 [15.87]	1.250-18UNEF	1.770 [44.96]	8.062 [153.97]	1.250 [31.75]	1.474 [37.44]
MS3401DJ 22AXX	MS3401D -22-XX	M85049/11 -39W	.625 [15.87]	.350 [8.89]	1.375-18UNEF	1.332 [33.83]	5.938 [150.83]	1.375 [34.93]	1.599 [40.61]
MS3401DJ 22BXX	MS3401D -22-XX	M85049/11 -41W	.750 [19.05]	.500 [12.70]	1.375-18UNEF	1.551 [39.40]	6.000 [152.40]	1.375 [34.93]	1.599 [40.61]
MS3401DJ 22DXX	MS3401D -22-XX	M85049/11 -43W	.937 [23.80]	.625 [15.87]	1.375-18UNEF	1.770 [44.96]	6.062 [153.97]	1.375 [34.93]	1.599 [40.61]
MS3401DJ 22EXX	MS3401D -22-XX	M85049/11 -45W	1.250 [31.75]	.875 [22.22]	1.375-18UNEF	2.113 [53.67]	7.062 [179.37]	1.375 [34.93]	1.599 [40.61]
MS3401DJ 22FXX	MS3401D -22-XX	M85049/11 -128W	.312 [7.92]	.125 [3.17]	1.375-18UNEF	.957 [24.31]	5.938 [150.83]	1.375 [34.93]	1.599 [40.61]
MS3401DJ 22GXX	MS3401D -22-XX	M85049/11 -128W	.437 [11.10]	.250 [6.35]	1.375-18UNEF	1.145 [29.08]	5.938 [150.83]	1.375 [34.93]	1.599 [40.61]
MS3401DJ 22HXX	MS3401D -22-XX	M85049/11 -142W	1.029 [26.14]	.875 [22.22]	1.375-18UNEF	2.113 [53.67]	6.312 [160.32]	1.375 [34.93]	1.599 [40.61]
MS3401DJ 24AXX	MS3401D -24-XX	M85049/11 -47W	.750 [19.05]	.500 [12.70]	1.500-18UNEF	1.551 [39.40]	6.000 [152.40]	1.500 [38.10]	1.715 [43.56]
MS3401DJ 24BXX	MS3401D -24-XX	M85049/11 -49W	.812 [20.62]	.625 [15.87]	1.500-18UNEF	1.770 [44.96]	6.062 [153.97]	1.500 [38.10]	1.715 [43.56]
MS3401DJ 24DXX	MS3401D -24-XX	M85049/11 -51W	.937 [23.80]	.625 [15.87]	1.500-18UNEF	1.770 [44.96]	6.062 [153.97]	1.500 [38.10]	1.715 [43.56]
MS3401DJ 24EXX	MS3401D -24-XX	M85049/11 -53W	1.250 [31.75]	.875 [22.22]	1.500-18UNEF	2.113 [53.67]	7.062 [179.37]	1.500 [38.10]	1.715 [43.56]
MS3401DJ 24FXX	MS3401D -24-XX	M85049/11 -130W	.625 [15.87]	.350 [8.89]	1.500-18UNEF	1.332 [33.83]	5.938 [150.83]	1.500 [38.10]	1.715 [43.56]
MS3401DJ 24GXX	MS3401D -24-XX	M85049/11 -144W	1.144 [29.06]	.875 [22.22]	1.500-18UNEF	2.113 [53.67]	6.312 [160.32]	1.500 [38.10]	1.715 [43.56]
MS3401DJ 28AXX	MS3401D -28-XX	M85049/11 -55W	.750 [19.05]	.500 [12.70]	1.750-18UNS	1.551 [39.40]	6.000 [152.40]	1.750 [44.45]	1.974 [50.14]
MS3401DJ 28BXX	MS3401D -28-XX	M85049/11 -57W	.937 [23.80]	.625 [15.87]	1.750-18UNS	1.770 [44.96]	6.062 [153.97]	1.750 [44.45]	1.974 [50.14]
MS3401DJ 28DXX	MS3401D -28-XX	M85049/11 -59W	1.250 [31.75]	.875 [22.22]	1.750-18UNS	2.113 [53.67]	6.312 [160.32]	1.750 [44.45]	1.974 [50.14]
MS3401DJ 28EXX	MS3401D -28-XX	M85049/11 -61W	1.375 [34.92]	1.000 [25.40]	1.750-18UNS	2.363 [60.02]	6.438 [163.53]	1.750 [44.45]	1.974 [50.14]
MS3401DJ 32AXX	MS3401D -32-XX	M85049/11 -63W	.937 [23.80]	.625 [15.87]	2.000-18UNS	1.770 [44.96]	6.062 [153.97]	2.000 [50.80]	2.224 [56.49]
MS3401DJ 32BXX	MS3401D -32-XX	M85049/11 -65W	1.250 [31.75]	.875 [22.22]	2.000-18UNS	2.113 [53.67]	6.312 [160.32]	2.000 [50.80]	2.224 [56.49]
MS3401DJ 32DXX	MS3401D -32-XX	M85049/11 -67W	1.375 [34.92]	1.000 [25.40]	2.000-18UNS	2.363 [60.02]	6.438 [163.53]	2.000 [50.80]	2.224 [56.49]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C504
MS3401DJ-3

1C-21

MIL-C-5015
1C CRIMP FRONT RELEASE

MS3401DJ HIGH SHOCK IN-LINE RECEPTACLE

CONTINUED FROM PRECEDING PAGE

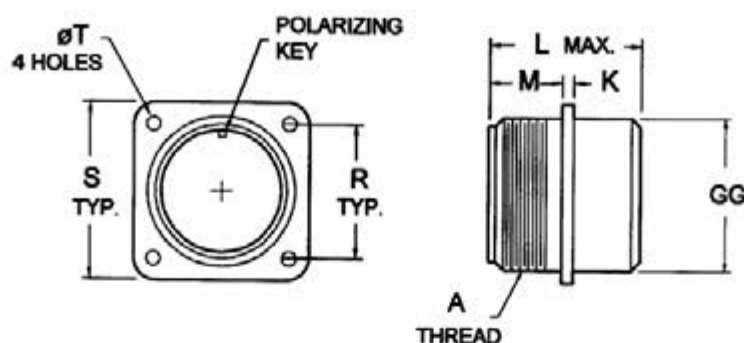
ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L MAX. (2)	R ±.004 [±0.10]	S ±.015 [±0.38]
			MAX.	MIN.					
MS3401DJ 32EXX	MS3401D -32-XX	M85049/11 -69W	1.625 [41.27]	1.250 [31.75]	2.000-18UNS	2.770 [70.38]	6.750 [171.45]	2.000 [50.80]	2.224 [56.48]
MS3401DJ 36AXX	MS3401D -36-XX	M85049/11 -71W	1.250 [31.75]	.875 [22.22]	2.250-16UN	2.113 [53.67]	7.312 [185.72]	2.250 [57.15]	2.474 [62.84]
MS3401DJ 36BXX	MS3401D -36-XX	M85049/11 -73W	1.375 [34.92]	1.000 [25.40]	2.250-16UN	2.363 [60.02]	7.438 [188.93]	2.250 [57.15]	2.474 [62.84]
MS3401DJ 36DXX	MS3401D -36-XX	M85049/11 -75W	1.625 [41.27]	1.250 [31.75]	2.250-16UN	2.770 [70.38]	7.688 [195.28]	2.250 [57.15]	2.474 [62.84]
MS3401DJ 36EXX	MS3401D -36-XX	M85049/11 -146W	1.840 [46.74]	1.437 [36.50]	2.250-16UN	3.020 [76.71]	7.750 [196.85]	2.250 [57.15]	2.474 [62.84]
MS3401DJ 36FXX	MS3401D -36-XX	M85049/11 -132W	.750 [19.05]	.500 [12.70]	2.250-16UN	1.551 [39.40]	7.000 [177.80]	2.250 [57.15]	2.474 [62.84]
MS3401DJ 36GXX	MS3401D -36-XX	M85049/11 -148W	.937 [23.80]	.625 [15.87]	2.250-16UN	1.770 [44.96]	7.062 [179.37]	2.250 [57.15]	2.474 [62.84]
MS3401DJ 40AXX	MS3401D -40-XX	M85049/11 -79W	1.250 [31.75]	.875 [22.22]	2.500-18UN	2.113 [53.67]	7.312 [185.72]	2.505 [63.63]	2.724 [69.19]
MS3401DJ 40BXX	MS3401D -40-XX	M85049/11 -81W	1.375 [34.92]	1.000 [25.40]	2.500-16UN	2.363 [60.02]	7.438 [188.93]	2.505 [63.63]	2.724 [69.19]
MS3401DJ 40DXX	MS3401D -40-XX	M85049/11 -83W	1.625 [41.27]	1.250 [31.75]	2.500-16UN	2.770 [70.38]	7.688 [195.28]	2.505 [63.63]	2.724 [69.19]
MS3401DJ 40EXX	MS3401D -40-XX	M85049/11 -85W	1.840 [46.74]	1.437 [36.50]	2.500-16UN	3.020 [76.71]	7.750 [196.85]	2.505 [63.63]	2.724 [69.19]
MS3401DJ 40FXX	MS3401D -40-XX	M85049/11 -134W	.750 [19.05]	.500 [12.70]	2.500-16UN	1.551 [39.40]	7.000 [177.80]	2.505 [63.63]	2.724 [69.19]
MS3401DJ 44AXX	MS3401D -44-XX	M85049/11 -87W	1.250 [31.75]	.875 [22.22]	2.750-16UN	2.113 [53.67]	7.312 [185.72]	2.755 [69.98]	2.974 [75.54]
MS3401DJ 44BXX	MS3401D -44-XX	M85049/11 -89W	1.375 [34.92]	1.000 [25.40]	2.750-16UN	2.363 [60.02]	7.438 [188.93]	2.755 [69.98]	2.974 [75.54]
MS3401DJ 44DXX	MS3401D -44-XX	M85049/11 -91W	1.625 [41.27]	1.250 [31.75]	2.750-16UN	2.770 [70.38]	7.688 [195.28]	2.755 [69.98]	2.974 [75.54]
MS3401DJ 44EXX	MS3401D -44-XX	M85049/11 -93W	1.840 [46.74]	1.437 [36.50]	2.750-16UN	3.020 [76.71]	7.750 [196.85]	2.755 [69.98]	2.974 [75.54]
MS3401DJ 44FXX	MS3401D -44-XX	M85049/11 -154W	.937 [23.80]	.625 [15.87]	2.750-16UN	1.770 [44.96]	7.062 [179.37]	2.755 [69.98]	2.974 [75.54]
MS3401DJ 48AXX	MS3401D -48-XX	M85049/11 -95W	1.250 [31.75]	.875 [22.22]	3.000-16UN	2.113 [53.67]	7.312 [185.72]	3.005 [76.33]	3.224 [81.89]
MS3401DJ 48BXX	MS3401D -48-XX	M85049/11 -97W	1.375 [34.92]	1.000 [25.40]	3.000-16UN	2.363 [60.02]	7.438 [188.93]	3.005 [76.33]	3.224 [81.89]
MS3401DJ 48DXX	MS3401D -48-XX	M85049/11 -99W	1.625 [41.27]	1.250 [31.75]	3.000-16UN	2.770 [70.38]	7.688 [195.28]	3.005 [76.33]	3.224 [81.89]
MS3401DJ 48EXX	MS3401D -48-XX	M85049/11 -101W	1.840 [46.74]	1.437 [36.50]	3.000-16UN	3.020 [76.71]	7.750 [196.85]	3.005 [76.33]	3.224 [81.89]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

1C505
MS3401DJ-4

HIGH SHOCK **MS3402D**
HIGH TEMPERATURE **MS3402L, U**
GENERAL PURPOSE **MS3402W**
BOX MOUNT RECEPTACLE

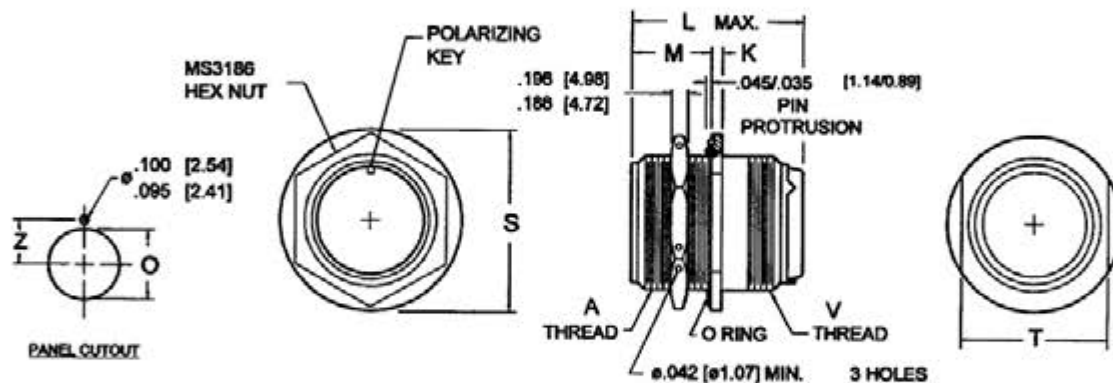


MIL-C-5015
1C CRIMP FRONT RELEASE

SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.015 [±0.38]	L MAX.		M +.031 -.000 [+0.79] [-0.00]	R T.P. ℄ - ℄	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	øGG ±.016 [±0.41]
			CONTACT SIZE						
			18 & 12	8, 4 & 0					
8S	1/2-28 UNEF	.083 [2.11]	1.662 [42.21]	-	.562 [14.27]	.594 [15.08]	.875 [22.22]	.120 [3.05]	.453 [11.51]
10S	5/8-24 UNEF	.083 [2.11]	1.662 [42.21]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.625 [15.87]
10SL	5/8-24 UNEF	.083 [2.11]	1.662 [42.21]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.625 [15.87]
12S	3/4-20 UNEF	.083 [2.11]	1.662 [42.21]	-	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.750 [19.05]
12	3/4-20 UNEF	.083 [2.11]	1.662 [42.21]	-	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.750 [19.05]
14S	7/8-20 UNEF	.083 [2.11]	1.662 [42.21]	-	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.875 [22.22]
14	7/8-20 UNEF	.083 [2.11]	1.662 [42.21]	-	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.875 [22.22]
16S	1-20 UNEF	.083 [2.11]	1.662 [42.21]	-	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.963 [24.21]
16	1-20 UNEF	.083 [2.11]	1.662 [42.21]	1.937 [49.20]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.963 [24.21]
18	1 1/8-18 UNEF	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	1.062 [26.97]
20	1 1/4-18 UNEF	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	1.187 [30.15]
22	1 3/8-18 UNEF	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	1.312 [33.32]
24	1 1/2-18 UNEF	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	1.437 [36.50]
28	1 3/4-18 UNS	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	1.750 [44.45]
32	2-18 UNS	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	2.000 [50.80]
36	2 1/4-18 UN	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.875 [22.22]	1.938 [49.22]	2.500 [63.50]	.173 [4.39]	2.250 [57.15]
40	2 1/2-18 UN	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	2.500 [63.50]
44	2 3/4-18 UN	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	2.750 [69.85]
48	3-18 UN	.125 [3.17]	1.662 [42.21]	1.937 [49.20]	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	3.000 [76.20]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

MS3404D HIGH SHOCK
MS3404L, U HIGH TEMPERATURE
MS3404W GENERAL PURPOSE
JAM NUT RECEPTACLE

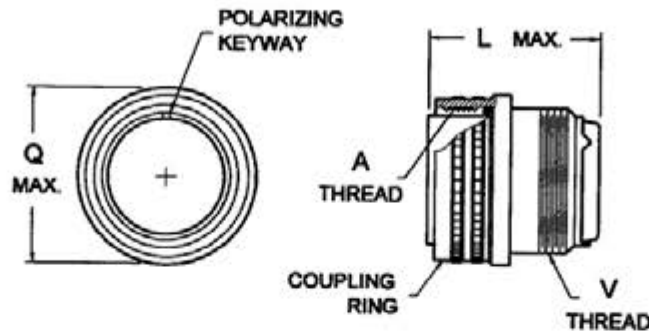


SHELL SIZE	A COUPLING THREAD CLASS 2A	K $\pm .005$ [± 0.13]	L MAX. CONTACT SIZE		M $\pm .005$ [± 0.13]	S $\pm .005$ [± 0.13]	T $\pm .010$ [± 0.25]	ϕO $+ .015$ $- .000$ [$+ 0.38$] [$- 0.00$]	Z $\pm .005$ [± 0.13]	V ACCESSORY THREAD CLASS 2A
			18 & 12	8, 4 & 0						
8S	1/2-28 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.187 [30.15]	.905 [21.97]	.505 [12.83]	.328 [8.28]	1/2-20 UNF
10S	5/8-24 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.312 [33.32]	.990 [25.15]	.830 [16.00]	.385 [9.78]	5/8-24 UNEF
10SL	5/8-24 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.312 [33.32]	.990 [25.15]	.830 [16.00]	.385 [9.78]	5/8-24 UNEF
12S	3/4-20 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.437 [36.50]	1.050 [26.67]	.755 [19.18]	.448 [11.38]	3/4-20 UNEF
12	3/4-20 UNEF	.115 [2.92]	2.125 [53.97]	-	.988 [24.54]	1.437 [36.50]	1.050 [26.67]	.755 [19.18]	.448 [11.38]	3/4-20 UNEF
14S	7/8-20 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.582 [39.67]	1.175 [29.84]	.880 [22.35]	.510 [12.95]	7/8-20 UNEF
14	7/8-20 UNEF	.115 [2.92]	2.125 [53.97]	-	.988 [24.54]	1.582 [39.67]	1.175 [29.84]	.880 [22.35]	.510 [12.95]	7/8-20 UNEF
16S	1-20 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.687 [42.85]	1.300 [33.02]	1.005 [25.53]	.573 [14.55]	1-20 UNEF
16	1-20 UNEF	.115 [2.92]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	1.687 [42.85]	1.300 [33.02]	1.005 [25.53]	.573 [14.55]	1-20 UNEF
18	1 1/8-18 UNEF	.115 [2.92]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	1.812 [46.02]	1.425 [36.19]	1.130 [28.70]	.835 [16.13]	1 1/8-18 UNEF
20	1 1/4-18 UNEF	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	1.937 [49.20]	1.550 [39.37]	1.255 [31.88]	.898 [17.73]	1 3/8-18 UNEF
22	1 3/8-18 UNEF	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	2.158 [54.78]	1.550 [39.37]	1.380 [35.05]	.780 [19.30]	1 5/8-18 UNEF
24	1 1/2-18 UNEF	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	2.281 [57.94]	1.800 [45.72]	1.505 [38.23]	.823 [20.90]	1 7/8-18 UNEF
28	1 3/4-18 UNS	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	2.531 [64.29]	1.925 [48.89]	1.755 [44.58]	.948 [24.08]	1 3/4-18 UNS
32	2-18 UNS	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	2.781 [70.64]	2.175 [55.24]	2.005 [50.93]	1.073 [27.25]	2-18 UNS
36	2 1/4-18 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	3.031 [76.99]	2.550 [64.77]	2.255 [57.28]	1.198 [30.43]	2 1/4-18 UN
40	2 1/2-18 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	3.281 [83.34]	2.800 [71.12]	2.505 [63.63]	1.323 [33.60]	2 1/2-18 UN
44	2 3/4-18 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	3.658 [92.86]	3.050 [77.47]	2.755 [69.98]	1.448 [36.78]	2 3/4-18 UN
48	3-18 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.988 [24.54]	3.908 [99.21]	3.300 [83.82]	3.005 [76.33]	1.573 [39.96]	3-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

HIGH SHOCK **MS3406D**FIREWALL **MS3406K**HIGH TEMPERATURE **MS3406L, U**GENERAL PURPOSE **MS3406W**

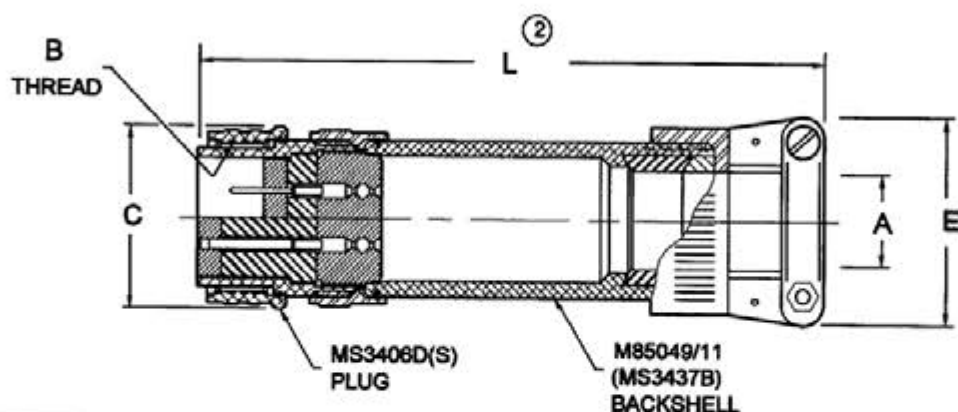
STRAIGHT PLUG

MIL-C-5015
CRIMP FRONT RELEASE**1C**

SHELL SIZE	A COUPLING THREAD CLASS 2B	øQ MAX.	L MAX.		V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE		
			16 & 12	8, 4 & 0	
8S	1/2-28 UNEF	.844 [21.44]	2.031 [51.59]	-	1/2-20 UNF
10S	5/8-24 UNEF	.969 [24.61]	2.031 [51.59]	-	5/8-24 UNEF
10SL	5/8-24 UNEF	.969 [24.61]	2.031 [51.59]	-	5/8-24 UNEF
12S	3/4-20 UNEF	1.062 [26.97]	2.031 [51.59]	-	3/4-20 UNEF
12	3/4-20 UNEF	1.062 [26.97]	2.125 [53.97]	-	3/4-20 UNEF
14S	7/8-20 UNEF	1.156 [29.36]	2.031 [51.59]	-	7/8-20 UNEF
14	7/8-20 UNEF	1.156 [29.36]	2.125 [53.97]	-	7/8-20 UNEF
16S	1-20 UNEF	1.250 [31.75]	2.031 [51.59]	-	1-20 UNEF
16	1-20 UNEF	1.250 [31.75]	2.125 [53.97]	2.500 [63.50]	1-20 UNEF
18	1 1/8-18 UNEF	1.344 [34.14]	2.125 [53.97]	2.500 [63.50]	1 1/16-18 UNEF
20	1 1/4-18 UNEF	1.469 [37.31]	2.125 [53.97]	2.500 [63.50]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	1.594 [40.49]	2.125 [53.97]	2.500 [63.50]	1 5/16-18 UNEF
24	1 1/2-18 UNEF	1.719 [43.66]	2.125 [53.97]	2.500 [63.50]	1 7/16-18 UNEF
26	1 3/4-18 UNS	1.969 [50.01]	2.125 [53.97]	2.500 [63.50]	1 3/4-18 UNS
32	2-18 UNS	2.219 [56.36]	2.125 [53.97]	2.500 [63.50]	2-18 UNS
36	2 1/4-18 UN	2.469 [62.71]	2.125 [53.97]	2.500 [63.50]	2 1/4-18 UN
40	2 1/2-18 UN	2.719 [69.06]	2.125 [53.97]	2.500 [63.50]	2 1/2-18 UN
44	2 3/4-18 UN	2.969 [75.41]	2.125 [53.97]	2.500 [63.50]	2 3/4-18 UN
48	3-18 UN	3.219 [81.76]	2.125 [53.97]	2.500 [63.50]	3-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

MS3406DJ HIGH SHOCK STRAIGHT PLUG



ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	L MAX. (2)
			MAX.	MIN.				
MS3406DJ 10AXX	MS3406D -10S-XX	M85049/11 -09W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.969 [24.61]	.957 [24.31]	4.938 [125.43]
MS3406DJ 10BXX	MS3406D -10S-XX	M85049/11 -11W	.437 [11.10]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	5.688 [144.48]
MS3406DJ 10DXX	MS3406D -10S-XX	M85049/11 -138W	.375 [9.52]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 11AXX	MS3406D -10SL-XX	M85049/11 -09W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.969 [24.61]	.957 [24.31]	4.938 [125.43]
MS3406DJ 11BXX	MS3406D -10SL-XX	M85049/11 -11W	.437 [11.10]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	5.688 [144.48]
MS3406DJ 11DXX	MS3406D -10SL-XX	M85049/11 -138W	.375 [9.52]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 12AXX	MS3406D -12-XX	M85049/11 -114W	.312 [7.92]	.125 [3.17]	.750-20UNEF	1.062 [26.97]	.957 [24.31]	4.938 [125.43]
MS3406DJ 12BXX	MS3406D -12-XX	M85049/11 -15W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	5.688 [144.48]
MS3406DJ 12DXX	MS3406D -12-XX	M85049/11 -138W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	4.938 [125.43]
MS3406DJ 12EXX	MS3406D -12-XX	M85049/11 -13W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.062 [26.97]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 13AXX	MS3406D -12S-XX	M85049/11 -114W	.312 [7.92]	.125 [3.17]	.750-20UNEF	1.062 [26.97]	.957 [24.31]	4.938 [125.43]
MS3406DJ 13BXX	MS3406D -12S-XX	M85049/11 -15W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	5.688 [144.48]
MS3406DJ 13DXX	MS3406D -12S-XX	M85049/11 -138W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	4.938 [125.43]
MS3406DJ 13EXX	MS3406D -12S-XX	M85049/11 -13W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.062 [26.97]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 14AXX	MS3406D -14-XX	M85049/11 -116W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.158 [29.36]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 14BXX	MS3406D -14-XX	M85049/11 -19W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.158 [29.36]	1.551 [39.40]	5.750 [146.05]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C509
MS3406DJ-1

HIGH SHOCK **MS3406DJ** STRAIGHT PLUG

CONTINUED FOR PRECEDING PAGE

MIL-C-5015
1C CRIMP FRONT RELEASE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	L MAX. (2)
			MAX.	MIN.				
MS3406DJ 14DXX	MS3406D -14-XX	M85049/11 -17W	.575 [14.80]	.350 [8.89]	.875-20UNEF	1.158 [29.38]	1.332 [33.83]	4.938 [125.43]
MS3406DJ 14EXX	MS3406D -14-XX	M85049/11 -150W	.312 [7.92]	.125 [3.17]	.875-20UNEF	1.158 [29.38]	.957 [24.31]	4.938 [125.43]
MS3406DJ 15AXX	MS3406D -14S-XX	M85049/11 -118W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.158 [29.38]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 15BXX	MS3406D -14S-XX	M85049/11 -19W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.158 [29.38]	1.551 [39.40]	5.750 [146.05]
MS3406DJ 15DXX	MS3406D -14S-XX	M85049/11 -17W	.575 [14.80]	.350 [8.89]	.875-20UNEF	1.158 [29.38]	1.332 [33.83]	4.938 [125.43]
MS3406DJ 15EXX	MS3406D -14S-XX	M85049/11 -150W	.312 [7.92]	.125 [3.17]	.875-20UNEF	1.158 [29.38]	.957 [24.31]	4.938 [125.43]
MS3406DJ 16AXX	MS3406D -16-XX	M85049/11 -21W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.250 [31.75]	1.551 [39.40]	5.000 [127.00]
MS3406DJ 16BXX	MS3406D -16-XX	M85049/11 -23W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.250 [31.75]	1.770 [44.98]	5.812 [147.82]
MS3406DJ 16DXX	MS3406D -16-XX	M85049/11 -112W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.250 [31.75]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 16EXX	MS3406D -16-XX	M85049/11 -118W	.825 [15.87]	.350 [8.89]	1.000-20UNEF	1.250 [31.75]	1.332 [33.83]	4.938 [125.43]
MS3406DJ 17AXX	MS3406D -16S-XX	M85049/11 -21W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.250 [31.75]	1.551 [39.40]	5.000 [127.00]
MS3406DJ 17BXX	MS3406D -16S-XX	M85049/11 -23W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.250 [31.75]	1.770 [44.98]	5.812 [147.82]
MS3406DJ 17DXX	MS3406D -16S-XX	M85049/11 -112W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.250 [31.75]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 17EXX	MS3406D -16S-XX	M85049/11 -118W	.825 [15.87]	.350 [8.89]	1.000-20UNEF	1.250 [31.75]	1.332 [33.83]	4.938 [125.43]
MS3406DJ 18AXX	MS3406D -18-XX	M85049/11 -25W	.625 [15.87]	.350 [8.89]	1.125-18UNEF	1.344 [34.14]	1.332 [33.83]	4.938 [125.43]
MS3406DJ 18BXX	MS3406D -18-XX	M85049/11 -27W	.750 [19.05]	.500 [12.70]	1.125-18UNEF	1.344 [34.14]	1.551 [39.40]	5.000 [127.00]
MS3406DJ 18EXX	MS3406D -18-XX	M85049/11 -120W	.312 [7.92]	.125 [3.17]	1.125-18UNEF	1.344 [34.14]	.957 [24.31]	4.938 [125.43]
MS3406DJ 18FXX	MS3406D -18-XX	M85049/11 -122W	.437 [11.10]	.250 [6.35]	1.125-18UNEF	1.344 [34.14]	1.145 [29.08]	4.938 [125.43]
MS3406DJ 20AXX	MS3406D -20-XX	M85049/11 -31W	.825 [15.87]	.350 [8.89]	1.250-18UNEF	1.489 [37.31]	1.332 [33.83]	5.938 [150.83]
MS3406DJ 20BXX	MS3406D -20-XX	M85049/11 -33W	.750 [19.05]	.500 [12.70]	1.250-18UNEF	1.489 [37.31]	1.551 [39.40]	6.000 [152.40]
MS3406DJ 20EXX	MS3406D -20-XX	M85049/11 -37W	1.250 [31.75]	.875 [22.22]	1.250-18UNEF	1.489 [37.31]	2.113 [53.67]	7.082 [179.37]
MS3406DJ 20FXX	MS3406D -20-XX	M85049/11 -124W	.437 [11.10]	.250 [6.35]	1.250-18UNEF	1.489 [37.31]	1.145 [29.08]	5.938 [150.83]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C510
MS3406DJ-2

MS3406DJ HIGH SHOCK STRAIGHT PLUG

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 28	C MAX.	E MAX.	L MAX. (2)
			MAX.	MIN.				
MS3406DJ 20GXX	MS3406D -20-XX	M85049/11 -140W	.904 [22.96]	.625 [15.87]	1.250-18UNEF	1.469 [37.31]	1.770 [44.96]	6.062 [153.97]
MS3406DJ 22AXX	MS3406D -22-XX	M85049/11 -39W	.825 [15.87]	.350 [8.89]	1.375-18UNEF	1.594 [40.49]	1.332 [33.83]	5.938 [150.83]
MS3406DJ 22BXX	MS3406D -22-XX	M85049/11 -41W	.750 [19.05]	.500 [12.70]	1.375-18UNEF	1.594 [40.49]	1.551 [39.40]	6.000 [152.40]
MS3406DJ 22DXX	MS3406D -22-XX	M85049/11 -43W	.937 [23.80]	.625 [15.87]	1.375-18UNEF	1.594 [40.49]	1.770 [44.96]	6.062 [153.97]
MS3406DJ 22EXX	MS3406D -22-XX	M85049/11 -45W	1.250 [31.75]	.875 [22.22]	1.375-18UNEF	1.594 [40.49]	2.113 [53.67]	7.062 [179.37]
MS3406DJ 22FXX	MS3406D -22-XX	M85049/11 -126W	.312 [7.92]	.125 [3.17]	1.375-18UNEF	1.594 [40.49]	.957 [24.31]	5.938 [150.83]
MS3406DJ 22GXX	MS3406D -22-XX	M85049/11 -128W	.437 [11.10]	.250 [6.35]	1.375-18UNEF	1.594 [40.49]	1.145 [29.08]	5.938 [150.83]
MS3406DJ 22HXX	MS3406D -22-XX	M85049/11 -142W	1.029 [26.14]	.875 [22.22]	1.375-18UNEF	1.594 [40.49]	2.113 [53.67]	6.312 [160.32]
MS3406DJ 24AXX	MS3406D -24-XX	M85049/11 -47W	.750 [19.05]	.500 [12.70]	1.500-18UNEF	1.719 [43.66]	1.551 [39.40]	6.000 [152.40]
MS3406DJ 24BXX	MS3406D -24-XX	M85049/11 -49W	.812 [20.62]	.825 [15.87]	1.500-18UNEF	1.719 [43.66]	1.770 [44.96]	6.062 [153.97]
MS3406DJ 24DXX	MS3406D -24-XX	M85049/11 -51W	.937 [23.80]	.825 [15.87]	1.500-18UNEF	1.719 [43.66]	1.770 [44.96]	6.062 [153.97]
MS3406DJ 24EXX	MS3406D -24-XX	M85049/11 -53W	1.250 [31.75]	.875 [22.22]	1.500-18UNEF	1.719 [43.66]	2.113 [53.67]	7.062 [179.37]
MS3406DJ 24FXX	MS3406D -24-XX	M85049/11 -130W	.825 [15.87]	.350 [8.89]	1.500-18UNEF	1.719 [43.66]	1.332 [33.83]	5.938 [150.83]
MS3406DJ 24GXX	MS3406D -24-XX	M85049/11 -144W	1.144 [29.08]	.875 [22.22]	1.500-18UNEF	1.719 [43.66]	2.113 [53.67]	6.312 [160.32]
MS3406DJ 28AXX	MS3406D -28-XX	M85049/11 -55W	.750 [19.05]	.500 [12.70]	1.750-18UNS	1.969 [50.01]	1.551 [39.40]	6.000 [152.40]
MS3406DJ 28BXX	MS3406D -28-XX	M85049/11 -57W	.937 [23.80]	.625 [15.87]	1.750-18UNS	1.969 [50.01]	1.770 [44.96]	6.062 [153.97]
MS3406DJ 28DXX	MS3406D -28-XX	M85049/11 -59W	1.250 [31.75]	.875 [22.22]	1.750-18UNS	1.969 [50.01]	2.113 [53.67]	6.312 [160.32]
MS3406DJ 28EXX	MS3406D -28-XX	M85049/11 -61W	1.375 [34.92]	1.000 [25.40]	1.750-18UNS	1.969 [50.01]	2.363 [60.02]	6.438 [163.53]
MS3406DJ 32AXX	MS3406D -32-XX	M85049/11 -63W	.937 [23.80]	.825 [15.87]	2.000-18UNS	2.219 [56.38]	1.770 [44.96]	6.062 [153.97]
MS3406DJ 32BXX	MS3406D -32-XX	M85049/11 -65W	1.250 [31.75]	.875 [22.22]	2.000-18UNS	2.219 [56.38]	2.113 [53.67]	6.312 [160.32]
MS3406DJ 32DXX	MS3406D -32-XX	M85049/11 -67W	1.375 [34.92]	1.000 [25.40]	2.000-18UNS	2.219 [56.38]	2.363 [60.02]	6.438 [163.53]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

HIGH SHOCK **MS3406DJ** STRAIGHT PLUG

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	L MAX. (2)
			MAX.	MIN.				
MS3406DJ 32EXX	MS3406D -32-XX	M85049/11 -69W	1.625 [41.27]	1.250 [31.75]	2.000-18UNS	2.219 [56.36]	2.770 [70.36]	6.750 [171.45]
MS3406DJ 36AXX	MS3406D -36-XX	M85049/11 -71W	1.250 [31.75]	.875 [22.22]	2.250-16UN	2.469 [62.71]	2.113 [53.67]	7.312 [185.72]
MS3406DJ 36BXX	MS3406D -36-XX	M85049/11 -73W	1.375 [34.92]	1.000 [25.40]	2.250-16UN	2.469 [62.71]	2.363 [60.02]	7.438 [188.93]
MS3406DJ 36DXX	MS3406D -36-XX	M85049/11 -75W	1.625 [41.27]	1.250 [31.75]	2.250-16UN	2.469 [62.71]	2.770 [70.36]	7.688 [195.28]
MS3406DJ 36EXX	MS3406D -36-XX	M85049/11 -148W	1.840 [46.74]	1.437 [36.50]	2.250-16UN	2.469 [62.71]	3.020 [76.71]	7.750 [196.85]
MS3406DJ 36FXX	MS3406D -36-XX	M85049/11 -132W	.750 [19.05]	.500 [12.70]	2.250-16UN	2.469 [62.71]	1.551 [39.40]	7.000 [177.80]
MS3406DJ 36GXX	MS3406D -36-XX	M85049/11 -148W	.937 [23.80]	.625 [15.87]	2.250-16UN	2.469 [62.71]	1.770 [44.96]	7.062 [179.37]
MS3406DJ 40AXX	MS3406D -40-XX	M85049/11 -79W	1.250 [31.75]	.875 [22.22]	2.500-16UN	2.719 [69.06]	2.113 [53.67]	7.312 [185.72]
MS3406DJ 40BXX	MS3406D -40-XX	M85049/11 -81W	1.375 [34.92]	1.000 [25.40]	2.500-16UN	2.719 [69.06]	2.363 [60.02]	7.438 [188.93]
MS3406DJ 40DXX	MS3406D -40-XX	M85049/11 -83W	1.625 [41.27]	1.250 [31.75]	2.500-16UN	2.719 [69.06]	2.770 [70.36]	7.688 [195.28]
MS3406DJ 40EXX	MS3406D -40-XX	M85049/11 -85W	1.840 [46.74]	1.437 [36.50]	2.500-16UN	2.719 [69.06]	3.020 [76.71]	7.750 [196.85]
MS3406DJ 40FXX	MS3406D -40-XX	M85049/11 -134W	.750 [19.05]	.500 [12.70]	2.500-16UN	2.719 [69.06]	1.551 [39.40]	7.000 [177.80]
MS3406DJ 44AXX	MS3406D -44-XX	M85049/11 -87W	1.250 [31.75]	.875 [22.22]	2.750-16UN	2.969 [75.41]	2.113 [53.67]	7.312 [185.72]
MS3406DJ 44BXX	MS3406D -44-XX	M85049/11 -89W	1.375 [34.92]	1.000 [25.40]	2.750-16UN	2.969 [75.41]	2.363 [60.02]	7.438 [188.93]
MS3406DJ 44DXX	MS3406D -44-XX	M85049/11 -91W	1.625 [41.27]	1.250 [31.75]	2.750-16UN	2.969 [75.41]	2.770 [70.36]	7.688 [195.28]
MS3406DJ 44EXX	MS3406D -44-XX	M85049/11 -83W	1.840 [46.74]	1.437 [36.50]	2.750-16UN	2.969 [75.41]	3.020 [76.71]	7.750 [196.85]
MS3406DJ 44FXX	MS3406D -44-XX	M85049/11 -154W	.937 [23.80]	.625 [15.87]	2.750-16UN	2.969 [75.41]	1.770 [44.96]	7.062 [179.37]
MS3406DJ 48AXX	MS3406D -48-XX	M85049/11 -95W	1.250 [31.75]	.875 [22.22]	3.000-16UN	3.219 [81.76]	2.113 [53.67]	7.312 [185.72]
MS3406DJ 48BXX	MS3406D -48-XX	M85049/11 -97W	1.375 [34.92]	1.000 [25.40]	3.000-16UN	3.219 [81.76]	2.363 [60.02]	7.438 [188.93]
MS3406DJ 48DXX	MS3406D -48-XX	M85049/11 -99W	1.625 [41.27]	1.250 [31.75]	3.000-16UN	3.219 [81.76]	2.770 [70.36]	7.688 [195.28]
MS3406DJ 48EXX	MS3406D -48-XX	M85049/11 -101W	1.840 [46.74]	1.437 [36.50]	3.000-16UN	3.219 [81.76]	3.020 [76.71]	7.750 [196.85]

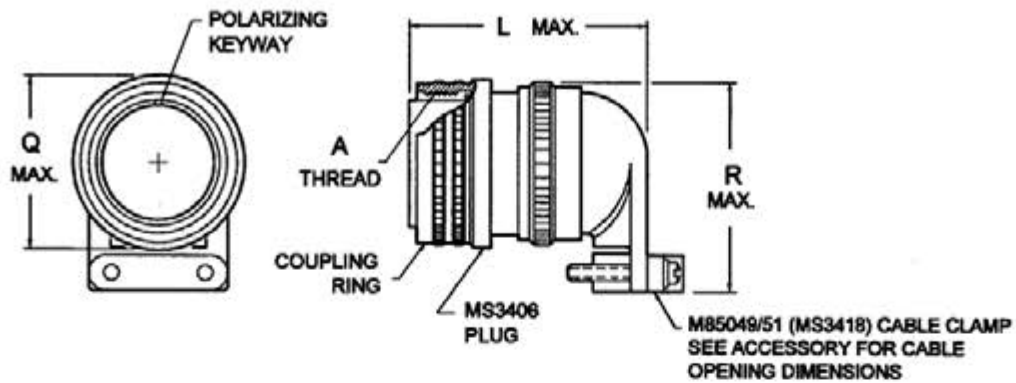
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

MIL-C-5015
1C CRIMP FRONT RELEASE

1C512
MS3406DJ-4

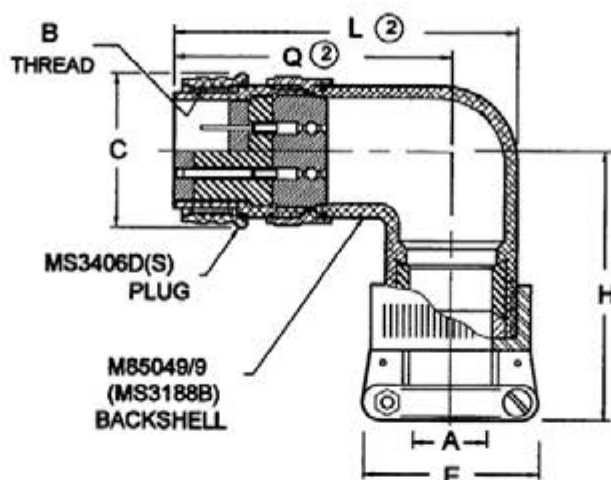
MS3408D HIGH SHOCK
MS3408L HIGH TEMPERATURE
 90° PLUG



SHELL SIZE	A COUPLING THREAD CLASS 2B	ØQ MAX	L MAX.		R MAX.
			CONTACT SIZE		
			16 & 12	8, 4 & 0	
8S	1/2-28 UNEF	.844 [21.44]	2.495 [63.37]	-	1.230 [31.24]
10S	5/8-24 UNEF	.969 [24.61]	2.500 [63.50]	-	1.352 [34.34]
10SL	5/8-24 UNEF	.969 [24.61]	2.555 [64.90]	-	1.352 [34.34]
12S	3/4-20 UNEF	1.062 [26.97]	2.555 [64.90]	-	1.460 [37.08]
12	3/4-20 UNEF	1.062 [26.97]	2.625 [66.67]	-	1.460 [37.08]
14S	7/8-20 UNEF	1.156 [29.36]	2.615 [66.42]	-	1.570 [39.68]
14	7/8-20 UNEF	1.156 [29.36]	2.685 [68.20]	-	1.570 [39.68]
16S	1-20 UNEF	1.250 [31.75]	2.695 [68.45]	-	1.681 [42.70]
16	1-20 UNEF	1.250 [31.75]	2.785 [70.23]	3.165 [80.39]	1.681 [42.70]
18	1 1/8-18 UNEF	1.344 [34.14]	2.810 [71.37]	3.210 [81.53]	1.905 [48.39]
20	1 1/4-18 UNEF	1.469 [37.31]	2.875 [73.02]	3.275 [83.18]	2.031 [51.59]
22	1 3/8-18 UNEF	1.594 [40.49]	2.935 [74.55]	3.335 [84.71]	2.155 [54.74]
24	1 1/2-18 UNEF	1.719 [43.66]	2.995 [76.07]	3.395 [86.23]	2.280 [57.91]
28	1 3/4-18 UNS	1.969 [50.01]	3.180 [80.26]	3.560 [90.42]	2.619 [66.52]
32	2-18 UNS	2.219 [56.36]	3.250 [82.55]	3.650 [92.71]	2.969 [75.41]
36	2 1/4-18 UN	2.469 [62.71]	3.375 [85.72]	3.775 [95.88]	3.219 [81.76]
40	2 1/2-18 UN	2.719 [69.06]	3.510 [89.15]	3.910 [99.31]	3.469 [88.11]
44	2 3/4-18 UN	2.969 [75.41]	3.635 [92.33]	4.035 [102.49]	3.643 [92.61]
48	3-18 UN	3.219 [81.76]	3.760 [95.50]	4.160 [105.68]	4.093 [103.96]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

HIGH SHOCK **MS3408DJ** 90° PLUG



MIL-C-5015
1C CRIMP FRONT RELEASE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L MAX. (2)	Q MAX. (2)
			MAX.	MIN.						
MS3408DJ 10AXX	MS3406D -10S-XX	M85049/9 -04W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.969 [24.61]	.967 [24.31]	3.125 [79.38]	3.000 [76.20]	2.500 [63.50]
MS3408DJ 10BXX	MS3406D -10S-XX	M85049/9 -49W	.437 [11.10]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	3.125 [79.38]	3.812 [96.82]	3.250 [82.55]
MS3408DJ 10DXX	MS3406D -10S-XX	M85049/9 -05W	.375 [9.52]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	2.500 [63.50]	3.062 [77.77]	2.500 [63.50]
MS3408DJ 11AXX	MS3406D -10SL-XX	M85049/9 -04W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.969 [24.61]	.967 [24.31]	3.125 [79.38]	3.000 [76.20]	2.500 [63.50]
MS3408DJ 11BXX	MS3406D -10SL-XX	M85049/9 -49W	.437 [11.10]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	3.125 [79.38]	3.812 [96.82]	3.250 [82.55]
MS3408DJ 11DXX	MS3406D -10SL-XX	M85049/9 -05W	.375 [9.52]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	2.500 [63.50]	3.062 [77.77]	2.500 [63.50]
MS3408DJ 12AXX	MS3406D -12-XX	M85049/9 -06W	.312 [7.92]	.125 [3.17]	.750-20UNEF	1.062 [26.97]	.967 [24.31]	3.125 [79.38]	3.000 [76.20]	2.500 [63.50]
MS3408DJ 12BXX	MS3406D -12-XX	M85049/9 -71W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	3.312 [84.12]	4.188 [106.38]	3.562 [90.47]
MS3408DJ 12DXX	MS3406D -12-XX	M85049/9 -08W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	2.500 [63.50]	3.188 [80.98]	2.500 [63.50]
MS3408DJ 12EXX	MS3406D -12-XX	M85049/9 -07W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.062 [26.97]	1.145 [29.08]	3.125 [79.38]	3.062 [77.77]	2.500 [63.50]
MS3408DJ 13AXX	MS3406D -12S-XX	M85049/9 -06W	.312 [7.92]	.125 [3.17]	.750-20UNEF	1.062 [26.97]	.967 [24.31]	3.125 [79.38]	3.000 [76.20]	2.500 [63.50]
MS3408DJ 13BXX	MS3406D -12S-XX	M85049/9 -71W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	3.312 [84.12]	4.188 [106.38]	3.562 [90.47]
MS3408DJ 13DXX	MS3406D -12S-XX	M85049/9 -06W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	2.500 [63.50]	3.188 [80.98]	2.500 [63.50]
MS3408DJ 13EXX	MS3406D -12S-XX	M85049/9 -07W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.062 [26.97]	1.145 [29.08]	3.125 [79.38]	3.062 [77.77]	2.500 [63.50]
MS3408DJ 14AXX	MS3406D -14-XX	M85049/9 -09W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.156 [29.36]	1.145 [29.08]	3.188 [80.98]	3.188 [80.98]	2.688 [68.28]
MS3408DJ 14BXX	MS3406D -14-XX	M85049/9 -50W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.156 [29.36]	1.551 [39.40]	3.500 [88.90]	4.375 [111.13]	3.625 [92.08]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C516
MS3408DJ-1

MS3408DJ HIGH SHOCK

90° PLUG

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L MAX. (2)	Q MAX. (2)
			MAX.	MIN.						
MS3408DJ 14DXX	MS3408D -14-XX	M85049/9 -10W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.156 [29.36]	1.332 [33.83]	2.812 [71.42]	3.250 [82.55]	2.688 [68.28]
MS3408DJ 14EXX	MS3408D -14-XX	M85049/9 -74W	.312 [7.92]	.125 [3.17]	.875-20UNEF	1.156 [29.36]	.957 [24.31]	3.188 [80.98]	3.125 [79.38]	2.625 [66.68]
MS3408DJ 15AXX	MS3408D -14S-XX	M85049/9 -09W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.156 [29.36]	1.145 [29.08]	3.188 [80.98]	3.188 [80.98]	2.688 [68.28]
MS3408DJ 15BXX	MS3408D -14S-XX	M85049/9 -50W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.156 [29.36]	1.551 [39.40]	3.500 [88.90]	4.375 [111.13]	3.625 [92.08]
MS3408DJ 15DXX	MS3408D -14S-XX	M85049/9 -10W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.156 [29.36]	1.332 [33.83]	2.812 [71.42]	3.250 [82.55]	2.688 [68.28]
MS3408DJ 15EXX	MS3408D -14S-XX	M85049/9 -74W	.312 [7.92]	.125 [3.17]	.875-20UNEF	1.156 [29.36]	.957 [24.31]	3.188 [80.98]	3.125 [79.38]	2.625 [66.68]
MS3408DJ 16AXX	MS3408D -16-XX	M85049/9 -12W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.250 [31.75]	1.551 [39.40]	2.938 [74.63]	3.562 [90.47]	2.812 [71.42]
MS3408DJ 16BXX	MS3408D -16-XX	M85049/9 -51W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.250 [31.75]	1.770 [44.96]	3.688 [93.68]	4.688 [119.08]	3.750 [95.25]
MS3408DJ 16DXX	MS3408D -16-XX	M85049/9 -11W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.250 [31.75]	1.145 [29.08]	3.312 [84.12]	3.375 [85.73]	2.812 [71.42]
MS3408DJ 16EXX	MS3408D -16-XX	M85049/9 -40W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.250 [31.75]	1.332 [33.83]	3.312 [84.12]	3.438 [87.33]	2.812 [71.42]
MS3408DJ 17AXX	MS3408D -16S-XX	M85049/9 -12W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.250 [31.75]	1.551 [39.40]	2.938 [74.63]	3.562 [90.47]	2.812 [71.42]
MS3408DJ 17BXX	MS3408D -16S-XX	M85049/9 -51W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.250 [31.75]	1.770 [44.96]	3.688 [93.68]	4.688 [119.08]	3.750 [95.25]
MS3408DJ 17DXX	MS3408D -16S-XX	M85049/9 -11W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.250 [31.75]	1.145 [29.08]	3.312 [84.12]	3.375 [85.73]	2.812 [71.42]
MS3408DJ 17EXX	MS3408D -16S-XX	M85049/9 -40W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.250 [31.75]	1.332 [33.83]	3.312 [84.12]	3.438 [87.33]	2.812 [71.42]
MS3408DJ 18AXX	MS3408D -18-XX	M85049/9 -13W	.625 [15.87]	.350 [8.89]	1.125-18UNEF	1.344 [34.14]	1.332 [33.83]	3.438 [87.33]	3.625 [92.08]	2.875 [73.03]
MS3408DJ 18BXX	MS3408D -18-XX	M85049/9 -52W	.750 [19.05]	.500 [12.70]	1.125-18UNEF	1.344 [34.14]	1.551 [39.40]	3.500 [88.90]	3.625 [92.08]	2.875 [73.03]
MS3408DJ 18EXX	MS3408D -18-XX	M85049/9 -41W	.312 [7.92]	.125 [3.17]	1.125-18UNEF	1.344 [34.14]	.957 [24.31]	3.438 [87.33]	3.625 [92.08]	2.875 [73.03]
MS3408DJ 18FXX	MS3408D -18-XX	M85049/9 -42W	.437 [11.10]	.250 [6.35]	1.125-18UNEF	1.344 [34.14]	1.145 [29.08]	3.438 [87.33]	3.625 [92.08]	2.875 [73.03]
MS3408DJ 20AXX	MS3408D -20-XX	M85049/9 -15W	.625 [15.87]	.350 [8.89]	1.250-18UNEF	1.469 [37.31]	1.332 [33.83]	3.438 [87.33]	3.625 [92.08]	2.875 [73.03]
MS3408DJ 20BXX	MS3408D -20-XX	M85049/9 -54W	.750 [19.05]	.500 [12.70]	1.250-18UNEF	1.469 [37.31]	1.551 [39.40]	3.500 [88.90]	3.625 [92.08]	2.875 [73.03]
MS3408DJ 20EXX	MS3408D -20-XX	M85049/9 -55W	1.250 [31.75]	.875 [22.22]	1.250-18UNEF	1.469 [37.31]	2.113 [53.67]	4.062 [103.17]	4.938 [125.43]	3.875 [98.43]
MS3408DJ 20FXX	MS3408D -20-XX	M85049/9 -43W	.437 [11.10]	.250 [6.35]	1.250-18UNEF	1.469 [37.31]	1.145 [29.08]	3.438 [87.33]	3.625 [92.08]	2.875 [73.03]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C517
MS3408DJ-2

HIGH SHOCK **MS3408DJ** 90° PLUG

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L MAX. ②	Q MAX. ②
			MAX.	MIN.						
MS3408DJ 20GXX	MS3408D -20-XX	M85049/9 -16W	.904 [22.96]	.625 [15.87]	1.250-18UNEF	1.469 [37.31]	1.770 [44.96]	3.250 [82.55]	3.750 [95.25]	2.875 [73.03]
MS3408DJ 22AXX	MS3408D -22-XX	M85049/9 -56W	.625 [15.87]	.350 [8.89]	1.375-18UNEF	1.594 [40.49]	1.332 [33.83]	3.582 [90.47]	3.875 [98.43]	3.000 [76.20]
MS3408DJ 22BXX	MS3408D -22-XX	M85049/9 -17W	.750 [19.05]	.500 [12.70]	1.375-18UNEF	1.594 [40.49]	1.551 [39.40]	3.625 [92.08]	3.875 [98.43]	3.000 [76.20]
MS3408DJ 22DXX	MS3408D -22-XX	M85049/9 -57W	.937 [23.80]	.625 [15.87]	1.375-18UNEF	1.594 [40.49]	1.770 [44.96]	3.688 [93.68]	3.938 [100.03]	3.000 [76.20]
MS3408DJ 22EXX	MS3408D -22-XX	M85049/9 -58W	1.250 [31.75]	.875 [22.22]	1.375-18UNEF	1.594 [40.49]	2.113 [53.67]	4.062 [103.17]	4.938 [125.43]	3.875 [98.43]
MS3408DJ 22FXX	MS3408D -22-XX	M85049/9 -44W	.312 [7.92]	.125 [3.17]	1.375-18UNEF	1.594 [40.49]	.967 [24.31]	3.562 [90.47]	3.875 [98.43]	3.000 [76.20]
MS3408DJ 22GXX	MS3408D -22-XX	M85049/9 -45W	.437 [11.10]	.250 [6.35]	1.375-18UNEF	1.594 [40.49]	1.145 [29.08]	3.582 [90.47]	3.875 [98.43]	3.000 [76.20]
MS3408DJ 22HXX	MS3408D -22-XX	M85049/9 -18W	1.029 [26.14]	.875 [22.22]	1.375-18UNEF	1.594 [40.49]	2.113 [53.67]	3.682 [90.47]	4.062 [103.17]	3.000 [76.20]
MS3408DJ 24AXX	MS3408D -24-XX	M85049/9 -19W	.750 [19.05]	.500 [12.70]	1.500-18UNEF	1.719 [43.66]	1.551 [39.40]	3.625 [92.08]	3.875 [98.43]	3.000 [76.20]
MS3408DJ 24DXX	MS3408D -24-XX	M85049/9 -59W	.937 [23.80]	.625 [15.87]	1.500-18UNEF	1.719 [43.66]	1.770 [44.96]	3.688 [93.68]	3.938 [100.03]	3.000 [76.20]
MS3408DJ 24EXX	MS3408D -24-XX	M85049/9 -73W	1.250 [31.75]	.875 [22.22]	1.500-18UNEF	1.719 [43.66]	2.113 [53.67]	4.062 [103.17]	4.938 [125.43]	3.875 [98.43]
MS3408DJ 24FXX	MS3408D -24-XX	M85049/9 -46W	.625 [15.87]	.350 [8.89]	1.500-18UNEF	1.719 [43.66]	1.332 [33.83]	3.582 [90.47]	3.875 [98.43]	3.000 [76.20]
MS3408DJ 24GXX	MS3408D -24-XX	M85049/9 -20W	1.144 [29.08]	.875 [22.22]	1.500-18UNEF	1.719 [43.66]	2.113 [53.67]	3.582 [90.47]	4.062 [103.17]	3.000 [76.20]
MS3408DJ 28AXX	MS3408D -28-XX	M85049/9 -80W	.750 [19.05]	.500 [12.70]	1.750-18UNS	1.969 [50.01]	1.551 [39.40]	3.750 [95.25]	4.125 [104.78]	3.125 [79.38]
MS3408DJ 28BXX	MS3408D -28-XX	M85049/9 -21W	.937 [23.80]	.625 [15.87]	1.750-18UNS	1.969 [50.01]	1.770 [44.96]	3.875 [98.43]	4.125 [104.78]	3.125 [79.38]
MS3408DJ 28DXX	MS3408D -28-XX	M85049/9 -61W	1.250 [31.75]	.875 [22.22]	1.750-18UNS	1.969 [50.01]	2.113 [53.67]	4.062 [103.17]	4.188 [106.38]	3.125 [79.38]
MS3408DJ 28EXX	MS3408D -28-XX	M85049/9 -22W	1.375 [34.92]	1.000 [25.40]	1.750-18UNS	1.969 [50.01]	2.383 [60.02]	3.875 [98.43]	4.312 [109.52]	3.125 [79.38]
MS3408DJ 32AXX	MS3408D -32-XX	M85049/9 -23W	.937 [23.80]	.625 [15.87]	2.000-18UNS	2.219 [56.36]	1.770 [44.96]	4.125 [104.78]	4.625 [117.48]	3.500 [88.90]
MS3408DJ 32BXX	MS3408D -32-XX	M85049/9 -24W	1.250 [31.75]	.875 [22.22]	2.000-18UNS	2.219 [56.36]	2.113 [53.67]	4.312 [109.52]	4.625 [117.48]	3.500 [88.90]
MS3408DJ 32DXX	MS3408D -32-XX	M85049/9 -62W	1.375 [34.92]	1.000 [25.40]	2.000-18UNS	2.219 [56.36]	2.383 [60.02]	4.438 [112.73]	4.625 [117.48]	3.500 [88.90]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

② ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C518
MS3408DJ-3

MIL-C-5015
1C CRIMP FRONT RELEASE

MS3408DJ HIGH SHOCK 90° PLUG

CONTINUED FROM PRECEDING PAGE

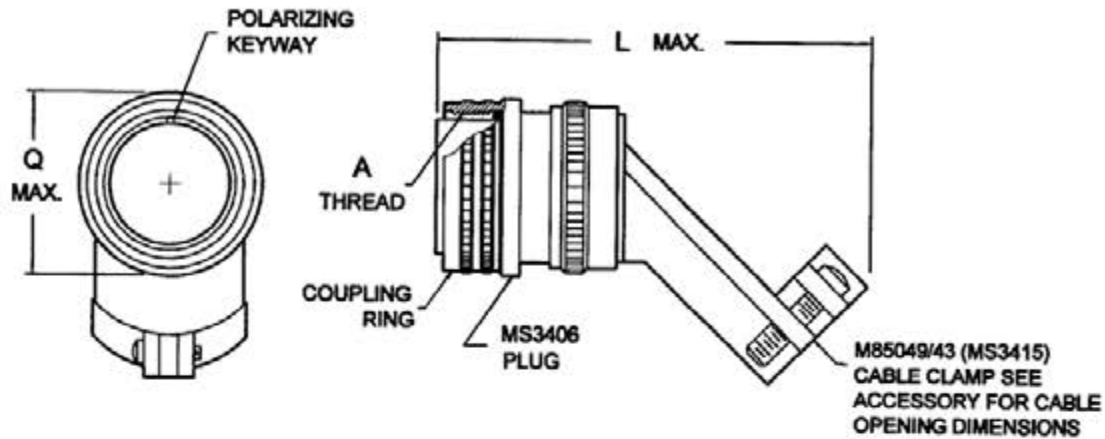
ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 28	C MAX.	E MAX.	H MAX.	L MAX. ②	Q MAX. ②
			MAX.	MIN.						
MS3408DJ 32EXX	MS3408D -32-XX	M85049/9 -25W	1.625 [41.27]	1.250 [31.75]	2.000-18UNS	2.219 [56.36]	2.770 [70.36]	4.375 [111.13]	4.875 [123.83]	3.500 [88.90]
MS3408DJ 36AXX	MS3408D -36-XX	M85049/9 -63W	1.250 [31.75]	.875 [22.22]	2.250-16UN	2.469 [62.71]	2.113 [53.67]	4.312 [109.52]	4.938 [125.43]	3.688 [93.68]
MS3408DJ 36BXX	MS3408D -36-XX	M85049/9 -27W	1.375 [34.92]	1.000 [25.40]	2.250-16UN	2.469 [62.71]	2.363 [60.02]	4.438 [112.73]	4.938 [125.43]	3.688 [93.68]
MS3408DJ 36DXX	MS3408D -36-XX	M85049/9 -64W	1.625 [41.27]	1.250 [31.75]	2.250-16UN	2.469 [62.71]	2.770 [70.36]	4.688 [119.08]	5.062 [128.57]	3.688 [93.68]
MS3408DJ 36EXX	MS3408D -36-XX	M85049/9 -28W	1.840 [46.74]	1.437 [36.50]	2.250-16UN	2.469 [62.71]	3.020 [76.71]	4.375 [111.13]	5.188 [131.78]	3.688 [93.68]
MS3408DJ 36FXX	MS3408D -36-XX	M85049/9 -47W	.750 [19.05]	.500 [12.70]	2.250-16UN	2.469 [62.71]	1.551 [39.40]	4.000 [101.60]	4.938 [125.43]	3.688 [93.68]
MS3408DJ 36GXX	MS3408D -36-XX	M85049/9 -26W	.937 [23.80]	.625 [15.87]	2.250-16UN	2.469 [62.71]	1.770 [44.96]	4.062 [103.17]	4.938 [125.43]	3.688 [93.68]
MS3408DJ 40AXX	MS3408D -40-XX	M85049/9 -65W	1.250 [31.75]	.875 [22.22]	2.500-16UN	2.719 [69.06]	2.113 [53.67]	4.312 [109.52]	5.688 [144.48]	4.438 [112.73]
MS3408DJ 40BXX	MS3408D -40-XX	M85049/9 -30W	1.375 [34.92]	1.000 [25.40]	2.500-16UN	2.719 [69.06]	2.363 [60.02]	4.438 [112.73]	5.688 [144.48]	4.438 [112.73]
MS3408DJ 40DXX	MS3408D -40-XX	M85049/9 -66W	1.625 [41.27]	1.250 [31.75]	2.500-16UN	2.719 [69.06]	2.770 [70.36]	4.688 [119.08]	5.812 [147.62]	4.438 [112.73]
MS3408DJ 40EXX	MS3408D -40-XX	M85049/9 -31W	1.840 [46.74]	1.437 [36.50]	2.500-16UN	2.719 [69.06]	3.020 [76.71]	4.375 [111.13]	5.938 [150.83]	4.438 [112.73]
MS3408DJ 40FXX	MS3408D -40-XX	M85049/9 -48W	.750 [19.05]	.500 [12.70]	2.500-16UN	2.719 [69.06]	1.551 [39.40]	4.000 [101.60]	5.688 [144.48]	3.688 [93.68]
MS3408DJ 44AXX	MS3408D -44-XX	M85049/9 -67W	1.250 [31.75]	.875 [22.22]	2.750-16UN	2.969 [75.41]	2.113 [53.67]	4.312 [109.52]	5.688 [144.48]	4.438 [112.73]
MS3408DJ 44BXX	MS3408D -44-XX	M85049/9 -33W	1.375 [34.92]	1.000 [25.40]	2.750-16UN	2.969 [75.41]	2.363 [60.02]	4.438 [112.73]	5.688 [144.48]	4.438 [112.73]
MS3408DJ 44DXX	MS3408D -44-XX	M85049/9 -68W	1.625 [41.27]	1.250 [31.75]	2.750-16UN	2.969 [75.41]	2.770 [70.36]	4.688 [119.08]	5.812 [147.62]	4.438 [112.73]
MS3408DJ 44EXX	MS3408D -44-XX	M85049/9 -34W	1.840 [46.74]	1.437 [36.50]	2.750-16UN	2.969 [75.41]	3.020 [76.71]	4.375 [111.13]	5.938 [150.83]	4.438 [112.73]
MS3408DJ 44FXX	MS3408D -44-XX	M85049/9 -32W	.937 [23.80]	.625 [15.87]	2.750-16UN	2.969 [75.41]	1.770 [44.96]	4.062 [103.17]	5.688 [144.48]	4.438 [112.73]
MS3408DJ 48AXX	MS3408D -48-XX	M85049/9 -69W	1.250 [31.75]	.875 [22.22]	3.000-16UN	3.219 [81.76]	2.113 [53.67]	4.312 [109.52]	5.688 [144.48]	4.438 [112.73]
MS3408DJ 48BXX	MS3408D -48-XX	M85049/9 -36W	1.375 [34.92]	1.000 [25.40]	3.000-16UN	3.219 [81.76]	2.363 [60.02]	4.438 [112.73]	5.688 [144.48]	4.438 [112.73]
MS3408DJ 48DXX	MS3408D -48-XX	M85049/9 -70W	1.625 [41.27]	1.250 [31.75]	3.000-16UN	3.219 [81.76]	2.770 [70.36]	4.688 [119.08]	5.812 [147.62]	4.438 [112.73]
MS3408DJ 48EXX	MS3408D -48-XX	M85049/9 -37W	1.840 [46.74]	1.437 [36.50]	3.000-16UN	3.219 [81.76]	3.020 [76.71]	4.375 [111.13]	5.938 [150.83]	4.438 [112.73]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

② ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

1C519
MS3408DJ-4

HIGH SHOCK **MS3409D** 45° PLUG



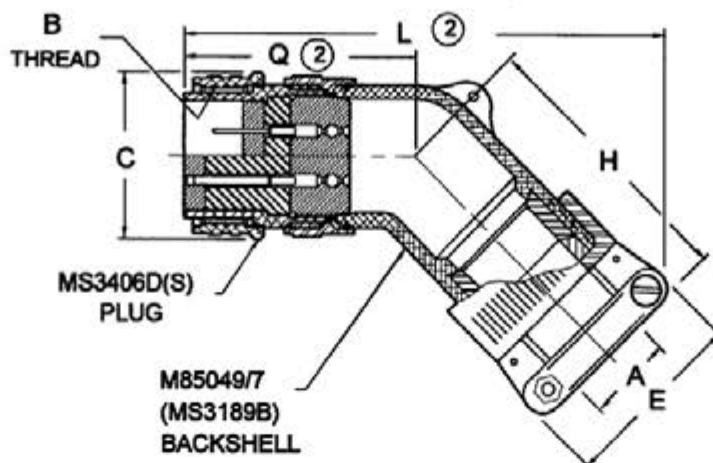
MIL-C-5015
1C CRIMP FRONT RELEASE

SHELL SIZE	A COUPLING THREAD CLASS 2B	øQ MAX.	L MAX.	
			CLASS D	CLASS DJ
8S	1/2-28 UNEF	.844 [21.44]	3.000 [76.20]	3.938 [100.03]
10S	5/8-24 UNEF	.969 [24.61]	3.062 [77.77]	4.438 [112.73]
10SL	5/8-24 UNEF	.969 [24.61]	3.062 [77.77]	4.438 [112.73]
12S	3/4-20 UNEF	1.062 [26.97]	3.125 [79.37]	4.582 [115.87]
12	3/4-20 UNEF	1.062 [26.97]	3.125 [79.37]	4.582 [115.87]
14S	7/8-20 UNEF	1.156 [29.36]	3.188 [80.98]	4.688 [119.08]
14	7/8-20 UNEF	1.156 [29.36]	3.188 [80.98]	4.688 [119.08]
16S	1-20 UNEF	1.250 [31.75]	3.250 [82.55]	6.125 [155.57]
16	1-20 UNEF	1.250 [31.75]	3.250 [82.55]	6.125 [155.57]
18	1 1/8-18 UNEF	1.344 [34.14]	3.375 [86.72]	5.188 [131.78]
20	1 1/4-18 UNEF	1.469 [37.31]	3.438 [87.33]	5.188 [131.78]
22	1 3/8-18 UNEF	1.594 [40.49]	3.500 [88.90]	5.375 [136.52]
24	1 1/2-18 UNEF	1.719 [43.66]	3.500 [88.90]	5.375 [136.52]
26	1 3/4-18 UNS	1.969 [50.01]	3.625 [92.07]	5.625 [142.87]
32	2-18 UNS	2.219 [56.36]	3.750 [95.25]	5.938 [150.83]
36	2 1/4-18 UN	2.469 [62.71]	3.812 [96.82]	6.062 [153.97]
40	2 1/2-18 UN	2.719 [69.06]	3.812 [96.82]	6.812 [173.02]
44	2 3/4-18 UN	2.969 [75.41]	4.062 [103.17]	6.812 [173.02]
48	3-18 UN	3.219 [81.78]	4.125 [104.77]	6.812 [173.02]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1C049

MS3409DJ HIGH SHOCK 45° PLUG



ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L MAX. ②	Q MAX. ②
			MAX.	MIN.						
MS3409DJ 10AXX	MS3406D -10S-XX	M85049/7 -04W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.969 [24.61]	.957 [24.31]	3.062 [77.77]	4.875 [123.83]	2.438 [61.93]
MS3409DJ 10BXX	MS3406D -10S-XX	M85049/7 -49W	.437 [11.10]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	3.062 [77.77]	5.812 [147.62]	3.250 [82.55]
MS3409DJ 10DXX	MS3406D -10S-XX	M85049/7 -05W	.375 [9.52]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	2.438 [61.93]	4.562 [115.87]	2.438 [61.93]
MS3409DJ 11AXX	MS3406D -10SL-XX	M85049/7 -04W	.312 [7.92]	.125 [3.17]	.625-24UNEF	.969 [24.61]	.957 [24.31]	3.062 [77.77]	4.875 [123.83]	2.438 [61.93]
MS3409DJ 11BXX	MS3406D -10SL-XX	M85049/7 -49W	.437 [11.10]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	3.062 [77.77]	5.812 [147.62]	3.250 [82.55]
MS3409DJ 11DXX	MS3406D -10SL-XX	M85049/7 -05W	.375 [9.52]	.250 [6.35]	.625-24UNEF	.969 [24.61]	1.145 [29.08]	2.438 [61.93]	4.562 [115.87]	2.438 [61.93]
MS3409DJ 12AXX	MS3406D -12-XX	M85049/7 -06W	.312 [7.92]	.125 [3.17]	.750-20UNEF	1.062 [26.97]	.957 [24.31]	3.062 [77.77]	5.000 [127.00]	2.500 [63.50]
MS3409DJ 12BXX	MS3406D -12-XX	M85049/7 -71W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	2.938 [74.63]	6.188 [157.18]	3.375 [85.73]
MS3409DJ 12DXX	MS3406D -12-XX	M85049/7 -08W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	3.062 [77.77]	5.125 [130.18]	2.500 [63.50]
MS3409DJ 12EXX	MS3406D -12-XX	M85049/7 -07W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.062 [26.97]	1.145 [29.08]	3.062 [77.77]	5.062 [128.57]	2.500 [63.50]
MS3409DJ 13AXX	MS3406D -12S-XX	M85049/7 -06W	.312 [7.92]	.125 [3.17]	.750-20UNEF	1.062 [26.97]	.957 [24.31]	3.062 [77.77]	5.000 [127.00]	2.500 [63.50]
MS3409DJ 13BXX	MS3406D -12S-XX	M85049/7 -71W	.625 [15.87]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	2.938 [74.63]	6.188 [157.18]	3.375 [85.73]
MS3409DJ 13DXX	MS3406D -12S-XX	M85049/7 -08W	.500 [12.70]	.350 [8.89]	.750-20UNEF	1.062 [26.97]	1.332 [33.83]	3.062 [77.77]	5.125 [130.18]	2.500 [63.50]
MS3409DJ 13EXX	MS3406D -12S-XX	M85049/7 -07W	.437 [11.10]	.250 [6.35]	.750-20UNEF	1.062 [26.97]	1.145 [29.08]	3.062 [77.77]	5.062 [128.57]	2.500 [63.50]
MS3409DJ 14AXX	MS3406D -14-XX	M85049/7 -09W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.156 [29.36]	1.145 [29.08]	3.188 [80.96]	5.188 [131.78]	2.562 [65.07]
MS3409DJ 14BXX	MS3406D -14-XX	M85049/7 -50W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.156 [29.36]	1.551 [39.40]	3.500 [88.90]	6.625 [168.28]	3.625 [92.08]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

② ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

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10523
MS3409DJ-1

HIGH SHOCK **MS3409DJ** 45° PLUG

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L MAX. ②	Q MAX. ②
			MAX.	MIN.						
MS3409DJ 14DXX	MS3406D -14-XX	M85049/7 -10W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.156 [29.38]	1.332 [33.83]	2.812 [71.42]	5.000 [127.00]	2.562 [65.07]
MS3409DJ 14EXX	MS3406D -14-XX	M85049/7 -74W	.312 [7.92]	.125 [3.17]	.875-20UNEF	1.156 [29.38]	.957 [24.31]	3.188 [80.98]	5.125 [130.18]	2.562 [65.07]
MS3409DJ 15AXX	MS3406D -14S-XX	M85049/7 -09W	.437 [11.10]	.250 [6.35]	.875-20UNEF	1.156 [29.38]	1.145 [29.08]	3.188 [80.98]	5.188 [131.78]	2.562 [65.07]
MS3409DJ 15BXX	MS3406D -14S-XX	M85049/7 -50W	.750 [19.05]	.500 [12.70]	.875-20UNEF	1.156 [29.38]	1.551 [39.40]	3.500 [88.90]	5.625 [143.28]	3.625 [92.08]
MS3409DJ 15DXX	MS3406D -14S-XX	M85049/7 -10W	.575 [14.60]	.350 [8.89]	.875-20UNEF	1.156 [29.38]	1.332 [33.83]	2.812 [71.42]	5.000 [127.00]	2.562 [65.07]
MS3409DJ 15EXX	MS3406D -14S-XX	M85049/7 -74W	.312 [7.92]	.125 [3.17]	.875-20UNEF	1.156 [29.38]	.957 [24.31]	3.188 [80.98]	5.125 [130.18]	2.562 [65.07]
MS3409DJ 16AXX	MS3406D -16-XX	M85049/7 -12W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.250 [31.75]	1.551 [39.40]	2.938 [74.63]	5.312 [134.92]	2.625 [66.68]
MS3409DJ 16BXX	MS3406D -16-XX	M85049/7 -51W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.250 [31.75]	1.770 [44.98]	3.750 [96.25]	5.938 [150.23]	3.688 [93.68]
MS3409DJ 16DXX	MS3406D -16-XX	M85049/7 -11W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.250 [31.75]	1.145 [29.08]	3.312 [84.12]	5.375 [136.53]	2.625 [66.68]
MS3409DJ 16EXX	MS3406D -16-XX	M85049/7 -40W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.250 [31.75]	1.332 [33.83]	3.312 [84.12]	5.438 [138.13]	2.625 [66.68]
MS3409DJ 17AXX	MS3406D -16S-XX	M85049/7 -12W	.700 [17.78]	.500 [12.70]	1.000-20UNEF	1.250 [31.75]	1.551 [39.40]	2.938 [74.63]	5.312 [134.92]	2.625 [66.68]
MS3409DJ 17BXX	MS3406D -16S-XX	M85049/7 -51W	.937 [23.80]	.625 [15.87]	1.000-20UNEF	1.250 [31.75]	1.770 [44.98]	3.750 [96.25]	5.938 [150.23]	3.688 [93.68]
MS3409DJ 17DXX	MS3406D -16S-XX	M85049/7 -11W	.437 [11.10]	.250 [6.35]	1.000-20UNEF	1.250 [31.75]	1.145 [29.08]	3.312 [84.12]	5.375 [136.53]	2.625 [66.68]
MS3409DJ 17EXX	MS3406D -16S-XX	M85049/7 -40W	.625 [15.87]	.350 [8.89]	1.000-20UNEF	1.250 [31.75]	1.332 [33.83]	3.312 [84.12]	5.438 [138.13]	2.625 [66.68]
MS3409DJ 18AXX	MS3406D -18-XX	M85049/7 -13W	.625 [15.87]	.350 [8.89]	1.125-18UNEF	1.344 [34.14]	1.332 [33.83]	3.500 [88.90]	5.750 [146.05]	2.812 [71.42]
MS3409DJ 18BXX	MS3406D -18-XX	M85049/7 -52W	.750 [19.05]	.500 [12.70]	1.125-18UNEF	1.344 [34.14]	1.551 [39.40]	3.500 [88.90]	5.875 [149.23]	2.812 [71.42]
MS3409DJ 18EXX	MS3406D -18-XX	M85049/7 -41W	.312 [7.92]	.125 [3.17]	1.125-18UNEF	1.344 [34.14]	.957 [24.31]	3.500 [88.90]	5.625 [142.88]	2.812 [71.42]
MS3409DJ 18FXX	MS3406D -18-XX	M85049/7 -42W	.437 [11.10]	.250 [6.35]	1.125-18UNEF	1.344 [34.14]	1.145 [29.08]	3.500 [88.90]	5.688 [144.48]	2.812 [71.42]
MS3409DJ 20AXX	MS3406D -20-XX	M85049/7 -15W	.625 [15.87]	.350 [8.89]	1.250-18UNEF	1.469 [37.31]	1.332 [33.83]	3.500 [88.90]	5.750 [146.05]	2.812 [71.42]
MS3409DJ 20BXX	MS3406D -20-XX	M85049/7 -54W	.750 [19.05]	.500 [12.70]	1.250-18UNEF	1.469 [37.31]	1.551 [39.40]	3.500 [88.90]	5.875 [149.23]	2.812 [71.42]
MS3409DJ 20EXX	MS3406D -20-XX	M85049/7 -55W	1.250 [31.75]	.875 [22.22]	1.250-18UNEF	1.469 [37.31]	2.113 [53.67]	4.000 [101.60]	7.375 [187.33]	2.812 [71.42]
MS3409DJ 20FXX	MS3406D -20-XX	M85049/7 -43W	.437 [11.10]	.250 [6.35]	1.250-18UNEF	1.469 [37.31]	1.145 [29.08]	3.500 [88.90]	5.688 [144.48]	2.812 [71.42]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

② ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C524
MS3409DJ-2

MIL-C-5015
1C CRIMP FRONT RELEASE

MS3409DJ HIGH SHOCK

45° PLUG

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L MAX. (2)	Q MAX. (2)
			MAX.	MIN.						
MS3409DJ 20GXX	MS3406D -20-XX	M85049/7 -16W	.904 [22.96]	.825 [15.87]	1.250-18UNEF	1.469 [37.31]	1.770 [44.96]	3.250 [82.55]	5.750 [146.05]	2.812 [71.42]
MS3409DJ 22AXX	MS3406D -22-XX	M85049/7 -56W	.825 [15.87]	.350 [8.89]	1.375-18UNEF	1.594 [40.49]	1.332 [33.83]	3.625 [92.08]	5.938 [150.83]	2.938 [74.63]
MS3409DJ 22BXX	MS3406D -22-XX	M85049/7 -17W	.750 [19.05]	.500 [12.70]	1.375-18UNEF	1.594 [40.49]	1.551 [39.40]	3.688 [93.68]	6.062 [153.97]	2.938 [74.63]
MS3409DJ 22DXX	MS3406D -22-XX	M85049/7 -57W	.937 [23.80]	.825 [15.87]	1.375-18UNEF	1.594 [40.49]	1.770 [44.96]	3.750 [95.25]	6.188 [157.18]	2.938 [74.63]
MS3409DJ 22EXX	MS3406D -22-XX	M85049/7 -58W	1.250 [31.75]	.875 [22.22]	1.375-18UNEF	1.594 [40.49]	2.113 [53.67]	4.000 [101.60]	7.375 [187.33]	3.812 [96.82]
MS3409DJ 22FXX	MS3406D -22-XX	M85049/7 -44W	.312 [7.92]	.125 [3.17]	1.375-18UNEF	1.594 [40.49]	.957 [24.31]	3.625 [92.08]	5.812 [147.62]	2.938 [74.63]
MS3409DJ 22GXX	MS3406D -22-XX	M85049/7 -45W	.437 [11.10]	.250 [6.35]	1.375-18UNEF	1.594 [40.49]	1.145 [29.08]	3.625 [92.08]	5.875 [149.23]	2.938 [74.63]
MS3409DJ 22HXX	MS3406D -22-XX	M85049/7 -18W	1.029 [26.14]	.875 [22.22]	1.375-18UNEF	1.594 [40.49]	2.113 [53.67]	3.625 [92.08]	6.250 [158.75]	2.938 [74.63]
MS3409DJ 24AXX	MS3406D -24-XX	M85049/7 -19W	.750 [19.05]	.500 [12.70]	1.500-18UNEF	1.719 [43.66]	1.551 [39.40]	3.688 [93.68]	6.062 [153.97]	2.938 [74.63]
MS3409DJ 24DXX	MS3406D -24-XX	M85049/7 -59W	.937 [23.80]	.825 [15.87]	1.500-18UNEF	1.719 [43.66]	1.770 [44.96]	3.750 [95.25]	6.188 [157.18]	2.938 [74.63]
MS3409DJ 24EXX	MS3406D -24-XX	M85049/7 -73W	1.250 [31.75]	.875 [22.22]	1.500-18UNEF	1.719 [43.66]	2.113 [53.67]	4.000 [101.60]	7.375 [187.33]	3.812 [96.82]
MS3409DJ 24FXX	MS3406D -24-XX	M85049/7 -46W	.825 [15.87]	.350 [8.89]	1.500-18UNEF	1.719 [43.66]	1.332 [33.83]	3.625 [92.08]	5.938 [150.83]	2.938 [74.63]
MS3409DJ 24GXX	MS3406D -24-XX	M85049/7 -20W	1.144 [29.08]	.875 [22.23]	1.500-18UNEF	1.719 [43.66]	2.113 [53.67]	3.625 [92.08]	6.250 [158.75]	2.938 [74.63]
MS3409DJ 28AXX	MS3406D -28-XX	M85049/7 -60W	.750 [19.05]	.500 [12.70]	1.750-18UNS	1.969 [50.01]	1.551 [39.40]	3.688 [93.68]	6.250 [158.75]	3.062 [77.77]
MS3409DJ 28BXX	MS3406D -28-XX	M85049/7 -21W	.937 [23.80]	.825 [15.87]	1.750-18UNS	1.969 [50.01]	1.770 [44.96]	3.812 [96.82]	6.375 [161.93]	3.062 [77.77]
MS3409DJ 28DXX	MS3406D -28-XX	M85049/7 -61W	1.250 [31.75]	.875 [22.22]	1.750-18UNS	1.969 [50.01]	2.113 [53.67]	4.000 [101.60]	6.625 [168.28]	3.062 [77.77]
MS3409DJ 28EXX	MS3406D -28-XX	M85049/7 -22W	1.375 [34.92]	1.000 [25.40]	1.750-18UNS	1.969 [50.01]	2.363 [60.02]	3.812 [96.82]	6.562 [166.67]	3.062 [77.77]
MS3409DJ 32AXX	MS3406D -32-XX	M85049/7 -23W	.937 [23.80]	.825 [15.87]	2.000-18UNS	2.219 [56.36]	1.770 [44.96]	3.938 [100.03]	6.500 [165.10]	3.125 [79.38]
MS3409DJ 32BXX	MS3406D -32-XX	M85049/7 -24W	1.250 [31.75]	.875 [22.22]	2.000-18UNS	2.219 [56.36]	2.113 [53.67]	4.125 [104.78]	6.750 [171.45]	3.125 [79.38]
MS3409DJ 32DXX	MS3406D -32-XX	M85049/7 -62W	1.375 [34.92]	1.000 [25.40]	2.000-18UNS	2.219 [56.36]	2.363 [60.02]	4.250 [107.95]	6.938 [176.23]	3.125 [79.38]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

(2) ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 6, 4 AND 0 CONTACTS.

CONTINUED ON NEXT PAGE

1C525
MS3409DJ-3

HIGH SHOCK **MS3409DJ** 45° PLUG

CONTINUED FROM PRECEDING PAGE

ASSEMBLY NO.	CONNECTOR PLUG NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L MAX. (2)	Q MAX. (2)
			MAX.	MIN.						
MS3409DJ 32EXX	MS3406D -32-XX	M85049/7 -25W	1.625 [41.27]	1.250 [31.75]	2.000-18UNS	2.219 [56.36]	2.770 [70.38]	4.188 [106.38]	7.062 [179.37]	3.125 [79.38]
MS3409DJ 36AXX	MS3406D -36-XX	M85049/7 -63W	1.250 [31.75]	.875 [22.22]	2.250-16UN	2.489 [62.71]	2.113 [53.67]	4.250 [107.95]	6.875 [174.63]	3.125 [79.38]
MS3409DJ 36BXX	MS3406D -36-XX	M85049/7 -27W	1.375 [34.92]	1.000 [25.40]	2.250-16UN	2.489 [62.71]	2.383 [60.02]	4.375 [111.13]	7.062 [179.37]	3.125 [79.38]
MS3409DJ 36DXX	MS3406D -36-XX	M85049/7 -64W	1.625 [41.27]	1.250 [31.75]	2.250-16UN	2.489 [62.71]	2.770 [70.38]	4.625 [117.48]	7.375 [187.33]	3.125 [79.38]
MS3409DJ 36EXX	MS3406D -36-XX	M85049/7 -28W	1.840 [46.74]	1.437 [36.50]	2.250-16UN	2.489 [62.71]	3.020 [76.71]	4.312 [109.52]	7.250 [184.15]	3.125 [79.38]
MS3409DJ 36FXX	MS3406D -36-XX	M85049/7 -47W	.750 [19.05]	.500 [12.70]	2.250-16UN	2.489 [62.71]	1.551 [39.40]	3.875 [98.43]	6.438 [163.53]	3.125 [79.38]
MS3409DJ 36GXX	MS3406D -36-XX	M85049/7 -26W	.937 [23.80]	.625 [15.87]	2.250-16UN	2.489 [62.71]	1.770 [44.96]	4.000 [101.60]	6.625 [168.28]	3.125 [79.38]
MS3409DJ 40AXX	MS3406D -40-XX	M85049/7 -65W	1.250 [31.75]	.875 [22.22]	2.500-16UN	2.719 [69.06]	2.113 [53.67]	4.250 [107.95]	7.625 [193.68]	3.875 [98.43]
MS3409DJ 40BXX	MS3406D -40-XX	M85049/7 -30W	1.375 [34.92]	1.000 [25.40]	2.500-16UN	2.719 [69.06]	2.383 [60.02]	4.375 [111.13]	7.812 [198.42]	3.875 [98.43]
MS3409DJ 40DXX	MS3406D -40-XX	M85049/7 -66W	1.625 [41.27]	1.250 [31.75]	2.500-16UN	2.719 [69.06]	2.770 [70.38]	4.625 [117.48]	8.125 [206.38]	3.875 [98.43]
MS3409DJ 40EXX	MS3406D -40-XX	M85049/7 -31W	1.840 [46.74]	1.437 [36.50]	2.500-16UN	2.719 [69.06]	3.020 [76.71]	4.312 [109.52]	8.000 [203.20]	3.875 [98.43]
MS3409DJ 40FXX	MS3406D -40-XX	M85049/7 -48W	.750 [19.05]	.500 [12.70]	2.500-16UN	2.719 [69.06]	1.551 [39.40]	3.875 [98.43]	7.188 [182.58]	3.125 [79.38]
MS3409DJ 44AXX	MS3406D -44-XX	M85049/7 -67W	1.250 [31.75]	.875 [22.22]	2.750-16UN	2.969 [75.41]	2.113 [53.67]	4.250 [107.95]	7.625 [193.68]	3.875 [98.43]
MS3409DJ 44BXX	MS3406D -44-XX	M85049/7 -33W	1.375 [34.92]	1.000 [25.40]	2.750-16UN	2.969 [75.41]	2.383 [60.02]	4.375 [111.13]	7.812 [198.42]	3.875 [98.43]
MS3409DJ 44DXX	MS3406D -44-XX	M85049/7 -68W	1.625 [41.27]	1.250 [31.75]	2.750-16UN	2.969 [75.41]	2.770 [70.38]	4.625 [117.48]	8.125 [206.38]	3.875 [98.43]
MS3409DJ 44EXX	MS3406D -44-XX	M85049/7 -34W	1.840 [46.74]	1.437 [36.50]	2.750-16UN	2.969 [75.41]	3.020 [76.71]	4.312 [109.52]	8.000 [203.20]	3.875 [98.43]
MS3409DJ 44FXX	MS3406D -44-XX	M85049/7 -32W	.937 [23.80]	.625 [15.87]	2.750-16UN	2.969 [75.41]	1.770 [44.96]	4.000 [101.60]	7.375 [187.33]	3.875 [98.43]
MS3409DJ 48AXX	MS3406D -48-XX	M85049/7 -69W	1.250 [31.75]	.875 [22.22]	3.000-16UN	3.219 [81.76]	2.113 [53.67]	4.250 [107.95]	7.625 [193.68]	3.875 [98.43]
MS3409DJ 48BXX	MS3406D -48-XX	M85049/7 -36W	1.375 [34.92]	1.000 [25.40]	3.000-16UN	3.219 [81.76]	2.383 [60.02]	4.375 [111.13]	7.812 [198.42]	3.875 [98.43]
MS3409DJ 48DXX	MS3406D -48-XX	M85049/7 -70W	1.625 [41.27]	1.250 [31.75]	3.000-16UN	3.219 [81.76]	2.770 [70.38]	4.625 [117.48]	8.125 [206.38]	3.875 [98.43]
MS3409DJ 48EXX	MS3406D -48-XX	M85049/7 -37W	1.840 [46.74]	1.437 [36.50]	3.000-16UN	3.219 [81.76]	3.020 [76.71]	4.312 [109.52]	8.000 [203.20]	3.875 [98.43]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

2. ADD .375 [9.53] WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

1C256
MS3409DJ-4

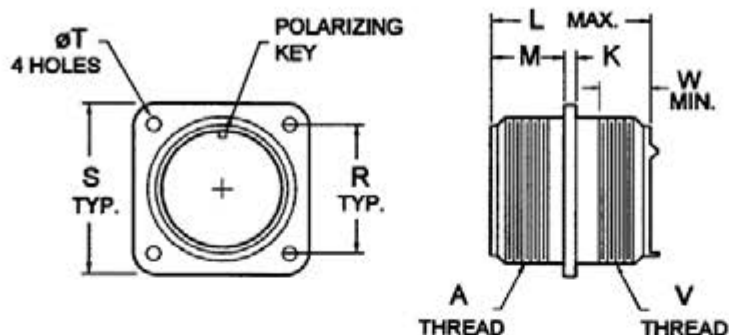
MIL-C-5015
1C CRIMP FRONT RELEASE

MS3412D HIGH SHOCK

MS3412L, U HIGH TEMPERATURE

MS3412W GENERAL PURPOSE

BOX MOUNT RECEPTACLE, THREADED SKIRT



SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.015 [±0.38]	L MAX.		M +.031 -.000 [+0.79] [-0.00]	R T.P. ℄ - ℄	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	V ACCESSORY THREAD CLASS 2A	W MIN.
			CONTACT SIZE							
			16 & 12	8, 4 & 0						
8S	1/2-28 UNEF	.083 [2.11]	1.882 [42.21]	-	.582 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	1/2-20 UNF	.290 [7.37]
10S	5/8-24 UNEF	.083 [2.11]	1.882 [42.21]	-	.582 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	5/8-24 UNEF	.290 [7.37]
10SL	5/8-24 UNEF	.083 [2.11]	1.882 [42.21]	-	.582 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	5/8-24 UNEF	.290 [7.37]
12S	3/4-20 UNEF	.083 [2.11]	1.882 [42.21]	-	.582 [14.27]	.812 [20.82]	1.094 [27.79]	.120 [3.05]	3/4-20 UNEF	.290 [7.37]
12	3/4-20 UNEF	.083 [2.11]	1.882 [42.21]	-	.750 [19.05]	.812 [20.82]	1.094 [27.79]	.120 [3.05]	3/4-20 UNEF	.290 [7.37]
14S	7/8-20 UNEF	.083 [2.11]	1.882 [42.21]	-	.582 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	7/8-20 UNEF	.290 [7.37]
14	7/8-20 UNEF	.083 [2.11]	1.882 [42.21]	-	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	7/8-20 UNEF	.290 [7.37]
16S	1-20 UNEF	.083 [2.11]	1.882 [42.21]	-	.582 [14.27]	.989 [24.81]	1.281 [32.54]	.120 [3.05]	1-20 UNEF	.290 [7.37]
16	1-20 UNEF	.083 [2.11]	1.882 [42.21]	1.937 [49.20]	.750 [19.05]	.989 [24.81]	1.281 [32.54]	.120 [3.05]	1-20 UNEF	.290 [7.37]
18	1 1/8-18 UNEF	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	1 1/8-18 UNEF	.290 [7.37]
20	1 1/4-18 UNEF	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	1 3/8-18 UNEF	.290 [7.37]
22	1 3/8-18 UNEF	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.750 [19.05]	1.250 [31.75]	1.825 [41.27]	.120 [3.05]	1 5/8-18 UNEF	.290 [7.37]
24	1 1/2-18 UNEF	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	1 7/8-18 UNEF	.290 [7.37]
28	1 3/4-18 UNS	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.812 [20.62]	1.582 [39.87]	2.000 [50.80]	.147 [3.73]	1 3/4-18 UNS	.467 [11.86]
32	2-18 UNS	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	2-18 UNS	.467 [11.86]
36	2 1/4-16 UN	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.875 [22.22]	1.938 [49.22]	2.500 [63.50]	.173 [4.39]	2 1/4-16 UN	.467 [11.86]
40	2 1/2-16 UN	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	2 1/2-16 UN	.467 [11.86]
44	2 3/4-16 UN	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	2 3/4-16 UN	.467 [11.86]
48	3-16 UN	.125 [3.17]	1.882 [42.21]	1.937 [49.20]	.875 [22.22]	2.625 [66.87]	3.250 [82.65]	.173 [4.39]	3-16 UN	.467 [11.86]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1C051

CRIMP FRONT RELEASE MIL-C-5015

MIL-C-915 REV E, CABLE, CONNECTOR & ADAPTER CONFIGURATIONS

This Data is a recap of Navy cable assignment of MIL-STD. 1683

Dash Number	Type	Insert Layout	Cable Diameter	Backshell Straight Assembly MS3406DJ	Backshell 90° Assembly MS3408DJ	Backshell 45° Assembly MS3409DJ
915/3	DCOP-1	10SL-3	.250	11A 3P/S	11A 3P/S	11A 3P/S
915/3	DCOP-1½	10SL-3	.315	11B 3P/S	11B 3P/S	11B 3P/S
915/3	DCOP-2	10SL-3	.330	11B 3P/S	11B 3P/S	11B 3P/S
915/3	TCOP-2	10SL-3	.345	11B 3P/S	11B 3P/S	11B 3P/S
915/5	DLT	14S-2	.710	15B 2P/S	15B 2P/S	15B 2P/S
915/6	DHOF-3	10SL-3	.425	11B 3P/S	11B 3P/S	11B 3P/S
915/6	DHOF-4	20-4	.460	20A 4P/S	20A 4P/S	20A 4P/S
915/6	DHOF-6	20-4	.510	20A 4P/S	20A 4P/S	20A 4P/S
915/6	DHOF-9	22-22 See Note 1	.570	22A 22P/S	22A 22P/S	22A 22P/S
915/6	DHOF-14	22-22	.705	22B 22P/S	22C 22P/S	22B 22P/S
915/6	DHOF-23	32-17 See Note 2	.860	32A 17P/S	32A 17P/S	32A 17P/S
915/6	DHOF-30	32-17	.960	32B 17P/S	32B 17P/S	32B 17P/S
915/6	DHOF-83	36-5	1.450	36D 5P/S	36D 5P/S	36D 5P/S
915/6	FHOF-3	14S-2	.480	15D 2P/S	15D 2P/S	15D 2P/S
915/6	FHOF-4	20-4	.550	20A 4P/S	20A 4P/S	20A 4P/S
915/6	FHOF-9	22-22 See Note 1	.660	22B 22P/S	22B 22P/S	22B 22P/S
915/6	FHOF-42	32-17	1.380	32E 17P/S	32E 17P/S	32E 17P/S
915/6	FHOF-60	36-5 See Note 3	1.510	36D 5P/S	36D 5P/S	36D 5P/S
915/6	SHOF-3	10SL-3	.210	11A 3P/S	11A 3P/S	11A 3P/S
915/6	SHOF-23	18-6 See Note 2	.460	18A 6P/S	18A 6P/S	18A 6P/S
915/6	SHOF-60	20-2	.600	20B 2P/S	20B 2P/S	20B 2P/S
915/6	THOF-3	14S-2	.450	15D 2P/S	15D 2P/S	15D 2P/S
915/6	THOF-4	20-4	.480	20A 4P/S	20A 4P/S	20A 4P/S
915/6	THOF-6	20-4	.550	20A 4P/S	20A 4P/S	20A 4P/S
915/6	THOF-9	22-22 See Note 1	.600	22A 22P/S	22A 22P/S	22A 22P/S
915/6	THOF-14	22-22	.750	22D 22P/S	22D 22P/S	22D 22P/S
915/6	THOF-23	32-17 See Note 2	.900	32A 17P/S	32A 17P/S	32A 17P/S
915/6	THOF-42	32-17	1.250	32D 17P/S	32D 17P/S	32D 17P/S
915/7	DSWS-4	20-4	.800	20G 4P/S	20G 4P/S	20G 4P/S
915/8	DSS-2	10SL-3	.390	11B 3P/S	11B 3P/S	11B 3P/S
915/8	DSS-3	14S-2	.500	15D 2P/S	15D 2P/S	15D 2P/S
915/8	DSS-4	20-4	.500	20A 4P/S	20A 4P/S	20A 4P/S
915/8	FSS-2	16S-1	.500	17E 1P/S	17E 1P/S	17E 1P/S
915/8	FSS-3	16S-1	.500	17E 1P/S	17E 1P/S	17E 1P/S
915/8	FSS-4	22-23	.625	22B 23P/S	22B 23P/S	22B 23P/S
915/8	TSS-2	14S-2	.400	15A 2P/S	15A 2P/S	15A 2P/S
915/8	TSS-3	14S-2	.500	15D 2P/S	15D 2P/S	15D 2P/S
915/8	TSS-4	20-4	.500	20A 4P/S	20A 4P/S	20A 4P/S
915/8	TSS-2	22-23	.625	22B 23P/S	22B 23P/S	22B 23P/S
915/10	MCSF-4	36-6 See Notes 2-3	1.500	36D 6P/S	36D 6P/S	36D 6P/S
915/11	MCOS-2	14S-2	.460	15D 2P/S	15D 2P/S	15D 2P/S
915/11	MCOS-4	16S-1	.510	17E 1P/S	17E 1P/S	17E 1P/S
915/11	MCOS-5	16S-1	.390	17D 1P/S	17D 1P/S	17D 1P/S
915/11	MCOS-6	22-23	.480	22A 23D/E	22A 23D/E	22A 23D/E
915/11	MCOS-7	22-23	.595	22A 23P/S	22A 23P/S	22A 23P/S
915/12	MDU-6	40-9	1.000	40A 9P/S	40A 9P/S	40A 9P/S
915/14	MHOF-7	16S-1	.500	17E 1P/S	17E 1P/S	17E 1P/S
915/14	MHOF-10	18-1	.585	18A 1P/S	18A 1P/S	18A 1P/S
915/14	MHOF-14	20-27	.635	20B 27P/S	20B 27P/S	20B 27P/S
915/14	MHOF-19	24-28	.705	24A 28P/S	24A 28P/S	24A 28P/S
915/14	MHOF-24	24-28	.795	24D 28P/S	24D 28P/S	24D 28P/S
915/14	MHOF-30	28-21	.835	28B 21P/S	28B 21P/S	28B 21P/S
915/14	MHOF-37	28-21	.925	28B 21P/S	28B 21P/S	28B 21P/S
915/14	MHOF-44	36-10	1.000	36A 10P/S	36A 10P/S	36A 10P/S
915/14	MHOF-61	40-56	1.175	40A 56P/S	40A 56P/S	40A 56P/S
915/15	MMOP-5	16S-1	.305	17D 1D/E	17D 1D/E	17D 1D/E
915/17	PBTMU-5	18-1	.540	18A 1A/B	18A 1A/B	18A 1A/B
915/17	PBTMU-15	28-21	.750	28B 21A/B	28B 21A/B	28B 21A/B
915/17	PBTMU-30	40-62	.980	40A 62A/B	40A 62A/B	40A 62A/B
915/19	TPU-6	20-27	1.000	20E 27P/S	20E 27P/S	20E 27P/S

Notes:

1. Must use MS3348-8-10 Bushing
2. Must use MS3348-4-6 Bushing
3. Must use MS3348-0-2 Bushing
4. Must use contact size 16-22 (order as D or E)

MIL-C-5015
1C CRIMP FRONT RELEASE

MIL-C-5015 CRIMP FRONT RELEASE

MIL-C-915 REV E, CABLE, CONNECTOR & ADAPTER CONFIGURATIONS

This Data is a recap of Navy cable assignment of MIL-STD. 1683

Dash Number	Type	Insert Layout	Cable Diameter	Backshell Straight Assembly MS3406DJ	Backshell 90° Assembly MS3408DJ	Backshell 45° Assembly MS3409DJ
915/20	TRF-105	20-2	.760	20G 2P/S	20G 2P/S	20G 2P/S
915/21	TRXF-84	20-2	.600	20B 2P/S	20B 2P/S	20B 2P/S
915/22	TSP-11	24-28	.735	24A 28D/E	24A 28D/E	24A 28D/E
915/22	TSP-31	40-56	1.062	40A 56D/E	40A 56D/E	40A 56D/E
915/24	TTOP-3	16S-1	.480	17E 1P/S	17E 1P/S	17E 1P/S
915/24	TTOP-5	18-1	.590	18A 1P/S	18A 1P/S	18A 1P/S
915/24	TTOP-10	24-28	.700	24A 28P/S	24A 28P/S	24A 28P/S
915/24	TTOP-15	28-21	.830	28B 21P/S	28B 21P/S	28B 21P/S
915/25	TTRS-2	16S-1	.680	17A 1P/S	17A 1P/S	17A 1P/S
915/25	TTRS-4	20-27	.740	20B 27P/S	20B 27P/S	20B 27P/S
915/25	TTRS-6	24-28	.880	24D 28P/S	24D 28P/S	24D 28P/S
915/25	TTRS-8	24-28	.990	24G 28P/S	24G 28P/S	24G 28P/S
915/25	TTRS-10	28-21	1.080	28D 21P/S	28D 21P/S	28D 21P/S
915/25	TTRS-12	28-21	1.100	28D 21P/S	28D 21P/S	28D 21P/S
915/25	TTRS-16	36-10	1.190	36A 10P/S	36A 10P/S	36A 10P/S
915/28	SSGU-50	18-6	.520	18A 6P/S	18A 6P/S	18A 6P/S
915/28	SSGA-50	18-6	.570	18A 6P/S	18A 6P/S	18A 6P/S
915/28	SSGU-75	20-2 See Note 3	.602	20B 2P/S	20B 2P/S	20B 2P/S
915/28	SSGA-75	20-2 See Note 3	.652	20B 2P/S	20B 2P/S	20B 2P/S
915/28	SSGU-100	20-2	.669	20B 2P/S	20B 2P/S	20B 2P/S
915/28	SSGA-100	20-2	.719	20B 2P/S	20B 2P/S	20B 2P/S
915/29	DSGU-3	10SL-3	.391	11B 3P/S	11B 3P/S	11B 3P/S
915/29	DSGU-4	20-4	.427	20F 4P/S	20F 4P/S	20F 4P/S
915/29	DSGA-3	12S-3	.441	13D 3P/S	13D 3P/S	13D 3P/S
915/29	DSGA-4	20-4	.477	20A 4P/S	20A 4P/S	20A 4P/S
915/29	DSGU-9	22-22 See Note 1	.544	22A 22P/S	22A 22P/S	22A 22P/S
915/29	DSGA-9	22-22 See Note 1	.594	22A 22P/S	22A 22P/S	22A 22P/S
915/29	DSGU-14	22-22	.670	22B 22P/S	22B 22P/S	22B 22P/S
915/29	DSGA-14	22-22	.720	22B 22P/S	22B 22P/S	22B 22P/S
915/29	DSGU-23	22-22 See Note 2	.815	22D 22P/S	22D 22P/S	22D 22P/S
915/29	DSGA-23	22-22	.865	22D 22P/S	22D 22P/S	22D 22P/S
915/29	DSGU-50	32-17 See Note 3	.911	32A 17P/S	32A 17P/S	32A 17P/S
915/29	DSGA-50	32-17	.961	32B 17P/S	32B 17P/S	32B 17P/S
915/29	DSGU-75	36-5 See Note 3	1.074	36A 5P/S	36A 5P/S	36A 5P/S
915/29	DSGA-75	36-5 See Note 3	1.124	36A 5P/S	36A 5P/S	36A 5P/S
915/29	DSGU-100	36-5	1.167	36A 5P/S	36A 5P/S	36A 5P/S
915/29	DSGA-100	36-5	1.217	36A 5P/S	36A 5P/S	36A 5P/S
915/30	TSGU-3	10SL-3	.411	11B 3P/S	11B 3P/S	11B 3P/S
915/30	TSGU-4	20-4	.449	20A 4P/S	20A 4P/S	20A 4P/S
915/30	TSGA-3	14S-7	.461	15D 7P/S	15D 7P/S	15D 7P/S
915/30	TSGA-4	20-4	.499	20A 4P/S	20A 4P/S	20A 4P/S
915/30	TSGU-9	22-22 See Note 1	.575	22A 22P/S	22A 22P/S	22A 22P/S
915/30	TSGA-9	22-22 See Note 1	.625	22B 22P/S	22B 22P/S	22B 22P/S
915/30	TSGU-14	22-22	.720	22B 22P/S	22B 22P/S	22B 22P/S
915/30	TSGA-14	22-22	.770	22D 22P/S	22D 22P/S	22D 22P/S
915/30	TSGU-23	22-22 See Note 2	.870	22D 22P/S	22D 22P/S	22D 22P/S
915/30	TSGA-23	22-22	.920	22D 22P/S	22D 22P/S	22D 22P/S
915/30	TSGU-50	32-17 See Note 1	.969	32B 17P/S	32B 17P/S	32B 17P/S
915/30	TSGA-50	32-17	1.019	32B 17P/S	32B 17P/S	32B 17P/S
915/30	TSGU-75	36-5 See Note 3	1.134	36A 5P/S	36A 5P/S	36A 5P/S
915/30	TSGA-75	36-5 See Note 3	1.184	36A 5P/S	36A 5P/S	36A 5P/S
915/30	TSGU-100	36-5	1.266	36B 5P/S	36B 5P/S	36B 5P/S
915/30	TSGA-100	36-5	1.316	36B 5P/S	36B 5P/S	36B 5P/S
915/31	FSGU-3	14S-2	.447	15D 2P/S	15D 2P/S	15D 2P/S
915/31	FSGA-3	14S-2	.497	15D 2P/S	15D 2P/S	15D 2P/S
915/31	FSGU-4	20-4	.513	20A 4P/S	20A 4P/S	20A 4P/S
915/31	FSGA-4	20-4	.563	20A 4P/S	20A 4P/S	20A 4P/S
915/31	FSGU-9	22-22 See Note 1	.630	22B 22P/S	22B 22P/S	22B 22P/S
915/31	FSGA-9	22-22 See Note 1	.680	22B 22P/S	22B 22P/S	22B 22P/S
915/31	FSGU-23	22-22 See Note 2	.950	22H 22P/S	22H 22P/S	22H 22P/S
915/31	FSGA-23	22-22	1.000	22H 22P/S	22H 22P/S	22H 22P/S

Notes:

1. Must use MS3348-8-10 Bushing
2. Must use MS3348-4-6 Bushing
3. Must use MS3348-0-2 Bushing
4. Must use contact size 16-22 (order as D or E)

CRIMP FRONT RELEASE MIL-C-5015

MIL-C-915 REV E, CABLE, CONNECTOR & ADAPTER CONFIGURATIONS

This Data is a recap of Navy cable assignment of MIL-STD. 1683

Dash Number	Type	Insert Layout	Cable Diameter	Backshell Straight Assembly MS3406DJ	Backshell 90° Assembly MS3408DJ	Backshell 45° Assembly MS3409DJ
915/31	FSGU-50	32-17 See Note 3	1.050	32B 17P/S	32B 17P/S	32B 17P/S
915/31	FSGA-50	32-17	1.100	32B 17P/S	32B 17P/S	32B 17P/S
915/31	FSGU-75	36-5 See Note 3	1.240	36A 5 P/S	36A 5P/S	36A 5P/S
915/31	FSGA-75	36-5 See Note 3	1.290	36B 5P/S	36B 5P/S	36B 5P/S
915/31	FSGU-100	36-5	1.358	36B 5P/S	36B 5P/S	36B 5P/S
915/31	FSGA-100	36-5	1.408	36D 5P/S	36D 5P/S	36D 5P/S
915/32	MSCU-7	16S-1	.484	17E 1P/S	17E 1P/S	17E 1P/S
915/32	MSCA-7	18-1	.534	18A 1P/S	18A 1P/S	18A 1P/S
915/32	MSCU-10	18-1	.622	18B 1P/S	18B 1P/S	18B 1P/S
915/32	MSCA-10	18-1	.672	18B 1P/S	18B 1P/S	18B 1P/S
915/32	MSCU-14	20-27	.668	20B 27P/S	20B 27P/S	20B 27P/S
915/32	MSCA-14	20-27	.718	20B 27P/S	20B 27P/S	20B 27P/S
915/32	MSCU-19	24-28	.738	24A 28P/S	24A 28P/S	24A 28P/S
915/32	MSCA-19	24-28	.788	24D 28P/S	24D 28P/S	24D 28P/S
915/32	MSCU-24	24-28	.855	24D 28P/S	24D 28P/S	24D 28P/S
915/32	MSCA-24	24-28	.905	24D 28P/S	24D 28P/S	24D 28P/S
915/32	MSCU-30	28-21	.901	28B 21P/S	28B 21P/S	28B 21P/S
915/32	MSCA-30	28-21	.951	28D 21P/S	28D 21P/S	28D 21P/S
915/32	MSCU-37	28-21	.972	28D 21P/S	28D 21P/S	28D 21P/S
915/32	MSCA-37	28-21	1.022	28D 21P/S	28D 21P/S	28D 21P/S
915/32	MSCU-44	36-10	1.084	36A 10P/S	36A 10P/S	36A 10P/S
915/32	MSCA-44	36-10	1.134	36A 10P/S	36A 10P/S	36A 10P/S
915/32	MSCU-61	40-56	1.220	40A 56P/S	40A 56P/S	40A 56P/S
915/32	MSCA-61	40-56	1.270	40B 56P/S	40B 56P/S	40B 56P/S
915/32	MSCU-91	44-52	1.450	44D 52P/S	44D 52P/S	44D 52P/S
915/32	MSCA-91	44-52	1.500	44D 52P/S	44D 52P/S	44D 52P/S
915/34	7SGU-3	16S-1	.545	17A 1P/S	17A 1P/S	17A 1P/S
915/34	7SGA-3	18-1	.595	18A 1P/S	18A 1P/S	18A 1P/S
915/34	7SGU-4	22-23	.595	22A 23P/S	22A 23P/S	22A 23P/S
915/35	TCJU-4	20-4	.430	20F 4A/B	20F 4A/B	20F 4A/B
915/35	TCTU-4	20-4	.430	20F 4A/B	20F 4A/B	20F 4A/B
915/35	TCJA-4	20-4	.480	20A 4A/B	20A 4A/B	20A 4A/B
915/35	TCTA-4	20-4	.480	20A 4A/B	20A 4A/B	20A 4A/B
915/37	TTSU-1%	10SL-3	.330	11B 3D/E	11B 3D/E	11B 3D/E
915/37	T TSA-1%	10SL-3	.380	11B 3D/E	11B 3D/E	11B 3D/E
915/37	TTSU-3	16S-1	.450	17E 1D/E	17E 1D/E	17E 1D/E
915/37	T TSA-3	16S-1	.500	17E 1D/E	17E 1D/E	17E 1D/E
915/37	TTSU-5	18-1	.540	18A 1D/E	18A 1D/E	18A 1D/E
915/37	T TSA-5	18-1	.590	18A 1D/E	18A 1D/E	18A 1D/E
915/37	TTSU-10	24-28	.675	24A 28D/E	24A 28D/E	24A 28D/E
915/37	T TSA-10	24-28	.725	24A 28D/E	24A 28D/E	24A 28D/E
915/37	TTSU-15	28-21	.750	28B 21D/E	28B 21D/E	28B 21D/E
915/37	T TSA-15	28-21	.800	28B 21D/E	28B 21D/E	28B 21D/E
915/37	TTSU-20	36-10	.830	36G 10D/E	36G 10D/E	36G 10D/E
915/37	T TSA-20	36-10	.880	36G 10D/E	36G 10D/E	36G 10D/E
915/37	TTSU-30	40-62	.980	40A 62D/E	40A 62D/E	40A 62D/E
915/37	T TSA-30	40-62	1.030	40A 62D/E	40A 62D/E	40A 62D/E
915/37	TTSU-40	40-56	1.200	40A 56D/E	40A 56D/E	40A 56D/E
915/37	T TSA-40	40-56	1.250	40B 56D/E	40B 56D/E	40B 56D/E
915/37	TTSU-50	44-52	1.400	44D 52P/S	44D 52P/S	44D 52P/S
915/37	T TSA-50	44-52	1.450	44D 52D/E	44D 52D/E	44D 52D/E
915/38	TCJX-3	16S-1	.742	17B 1A/B	17B 1A/B	17B 1A/B
915/38	TCJX-7	20-27	.983	20E 27A/B	20E 27A/B	20E 27A/B
915/38	TCJX-12	28-21	1.269	28E 21A/B	28E 21A/B	28E 21A/B
915/38	TCKX-1	14S-2	.456	15D 2A/B	15D 2A/B	15D 2A/B
915/38	TCKX-3	16S-1	.742	17B 1A/B	17B 1A/B	17B 1A/B
915/38	TCKX-7	20-27	.983	20E 27A/B	20E 27A/B	20E 27A/B
915/38	TCKX-12	28-21	1.269	28E 21A/B	28E 21A/B	28E 21A/B
915/38	TCTX-7	20-27	.731	20B 27A/B	20B 27A/B	20B 27A/B
915/39	P1-3	18-1	.685	18B 1P/S	18B 1P/S	18B 1P/S
915/39	P1-7	24-28	.900	24D 28P/S	24D 28P/S	24D 28P/S

Notes:

1. Must use MS3348-8-10 Bushing
2. Must use MS3348-4-6 Bushing
3. Must use MS3348-0-2 Bushing
4. Must use contact size 16-22 (order as D or E)

MIL-C-5015
1C CRIMP FRONT RELEASE

MIL-C-5015 CRIMP FRONT RELEASE

MIL-C-915 REV E, CABLE, CONNECTOR & ADAPTER CONFIGURATIONS

This Data is a recap of Navy cable assignment of MIL-STD.1683

Dash Number	Type	Insert Layout	Cable Diameter	Backshell Straight Assembly MS3406DJ	Backshell 90° Assembly MS3408DJ	Backshell 45° Assembly MS3409DJ
915/39	P1-12	28-21	1.155	28D 21P/S	28D 21P/S	28D 21P/S
915/40	DPS-3	14S-2	.455	15D 2P/S	15D 2P/S	15D 2P/S
915/40	TPS-3	14S-2	.475	15D 2P/S	15D 2P/S	15D 2P/S
915/40	DPS-4	20-4	.489	20A 4P/S	20A 4P/S	20A 4P/S
915/40	TPS-4	20-4	.553	20A 4P/S	20A 4P/S	20A 4P/S
915/40	DPS-6	20-4	.585	20A 4P/S	20A 4P/S	20A 4P/S
915/40	TPS-6	20-4	.620	20B 4P/S	20B 4P/S	20B 4P/S
915/40	DPS-9	22-22 See Note 1	.628	22B 22P/S	22B 22P/S	22B 22P/S
915/40	TPS-9	22-22 See Note 1	.657	22B 22P/S	22B 22P/S	22B 22P/S
915/40	TPS-14	22-22	.751	22D 22P/S	22D 22P/S	22D 22P/S
915/40	TPS-6	22-23	.775	22D 23P/S	22D 23P/S	22D 23P/S
915/40	FPS-14	22-22	.815	22D 22P/S	22D 22P/S	22D 22P/S
915/40	TPS-23	22-22	.866	22D 22P/S	22D 22P/S	22D 22P/S
915/40	TPS-30	32-17 See Note 2	.976	32B 17P/S	32B 17P/S	32B 17P/S
915/41	2AU-40	40-56	1.370	40B 56P/S	40B 56P/S	40B 56P/S
915/43	MU-14	20-27	.400	20F 27P/S	20F 27P/S	20F 27P/S
915/44	1SWU-2	14S-2	.455	15D 2P/S	15D 2P/S	15D 2P/S
915/44	1SWU-14	28-21	.870	28B 21P/S	28B 21P/S	28B 21P/S
915/44	1SWU-20	36-10	1.030	36A 10P/S	36A 10P/S	36A 10P/S
915/44	1SWU-30	40-62	1.200	40A 62P/S	40A 62P/S	40A 62P/S
915/45	2SU-3	18-1	.520	18A 1P/S	18A 1P/S	18A 1P/S
915/45	2SU-7	24-28	.660	24A 28P/S	24A 28P/S	24A 28P/S
915/45	2SU-10	28-21	.830	28B 21P/S	28B 21P/S	28B 21P/S
915/45	2SU-14	36-10	.930	36G 10P/S	36G 10P/S	36G 10P/S
915/45	2SU-19	40-62	1.040	40A 62P/S	40A 62P/S	40A 62P/S
915/45	2SU-24	40-56	1.210	40A 56P/S	40A 56P/S	40A 56P/S
915/45	2SU-30	44-52	1.280	44B 52P/S	44B 52P/S	44B 52P/S
915/46	2SWAU-3	18-1	.520	18A 1P/S	18A 1P/S	18A 1P/S
915/46	2SWAU-7	24-28	.660	24A 28P/S	24A 28P/S	24A 28P/S
915/46	2SWAU-10	28-21	.830	28B 21P/S	28B 21P/S	28B 21P/S
915/46	2SWAU-14	36-10	.930	36G 10P/S	36G 10P/S	36G 10P/S
915/46	2SWAU-19	40-62	1.040	40A 62P/S	40A 62P/S	40A 62P/S
915/46	2SWAU-24	40-56	1.210	40A 56P/S	40A 56P/S	40A 56P/S
915/46	2SWAU-30	44-52	1.280	44B 52P/S	44B 52P/S	44B 52P/S
915/47	1SWF-2	14S-2	.625	15B 2P/S	15B 2P/S	15B 2P/S
915/48	2SWF-3	18-1	.625	18B 1P/S	18B 1P/S	18B 1P/S
915/48	2SWF-4	18-1	.625	18B 1P/S	18B 1P/S	18B 1P/S
915/48	2SWF-7	24-28	.815	24D 28P/S	24D 28P/S	24D 28P/S
915/49	2SWU-1	10SL-3	.255	11B 3P/S	11B 3P/S	11B 3P/S
915/49	2SWU-3	18-1	.710	18B 1P/S	18B 1P/S	18B 1P/S
915/49	2SWU-7	24-28	.910	24D 28P/S	24D 28P/S	24D 28P/S
915/49	2SWU-12	28-21	1.200	28D 21P/S	28D 21P/S	28D 21P/S
915/49	2SWU-19	40-62	1.380	40D 62P/S	40D 62P/S	40D 62P/S
915/49	2SWU-24	40-56	1.590	40D 56P/S	40D 56P/S	40D 56P/S
915/49	2SWU-30	44-52	1.760	44E 52P/S	44E 52P/S	44E 52P/S
915/50	MS-37	36-10	.800	36G 10P/S	36G 10P/S	36G 10P/S
915/51	3SU-3	20-27	.700	20B 27P/S	20B 27P/S	20B 27P/S
915/51	3SU-7	28-21	.910	28B 21P/S	28B 21P/S	28B 21P/S
915/51	3SU-10	36-10	1.190	36A 10P/S	36A 10P/S	36A 10P/S
915/51	3SU-14	40-62	1.290	40B 62P/S	40B 62P/S	40B 62P/S
915/51	3SU-19	40-56	1.430	40D 56P/S	40D 56P/S	40D 56P/S
915/51	3SU-24	44-52	1.670	44E 52P/S	44E 52P/S	44E 52P/S
915/52	3SWU-3	20-27	.700	20B 27P/S	20B 27P/S	20B 27P/S
915/52	3SWU-7	28-21	.910	28B 21P/S	28B 21P/S	28B 21P/S
915/52	3SWU-10	36-10	1.190	36A 10P/S	36A 10P/S	36A 10P/S
915/52	3SWU-14	40-62	1.290	40B 62P/S	40B 62P/S	40B 62P/S
915/52	3SWU-19	40-56	1.430	40D 56P/S	40D 56P/S	40D 56P/S
915/52	3SWU-24	44-52	1.670	44E 52P/S	44E 52P/S	44E 52P/S
915/53	3U-3	18-1	.620	18B 1P/S	18B 1P/S	18B 1P/S
915/53	3U-7	24-28	.810	24D 28P/S	24D 28P/S	24D 28P/S

Notes:

1. Must use MS3348-8-10 Bushing
2. Must use MS3348-4-6 Bushing

3. Must use MS3348-0-2 Bushing
4. Must use contact size 16-22 (order as D or E)

CRIMP FRONT RELEASE MIL-C-5015

MIL-C-915 REV E, CABLE, CONNECTOR & ADAPTER CONFIGURATIONS

This Data is a recap of Navy cable assignment of MIL-STD. 1683

Dash Number	Type	Insert Layout	Cable Diameter	Backshell Straight Assembly MS3406DJ	Backshell 90° Assembly MS3408DJ	Backshell 45° Assembly MS3409DJ
915/53	3U-12	28-21	1.090	28D 21P/S	28D 21P/S	28D 21P/S
915/54	ECM	40-56	1.370	40B 56P/S	40B 56P/S	40B 56P/S
915/56	1SMU-5	18-1	.500	18A 1P/S	18A 1P/S	18A 1P/S
915/57	1SAU-44	44-52	.990	44A 52P/S	44A 52P/S	44A 52P/S
915/58	MWF-7	16S-1	.500	17E 1P/S	17E 1P/S	17E 1P/S
915/58	MWF-10	18-1	.635	18B 1P/S	18B 1P/S	18B 1P/S
915/58	MWF-14	20-27	.635	20B 27P/S	20B 27P/S	20B 27P/S
915/58	MWF-19	24-28	.745	24A 28P/S	24A 28P/S	24A 28P/S
915/58	MWF-24	24-28	.836	24D 28P/S	24D 28P/S	24D 28P/S
915/58	MWF-30	28-21	.945	28D 21P/S	28D 21P/S	28D 21P/S
915/58	MWF-37	28-21	1.045	28D 21P/S	28D 21P/S	28D 21P/S
915/59	1SU-36	40-56	.985	40A 56P/S	40A 56P/S	40A 56P/S
915/60	2SJ-22	10SL-3	.203	11A 3D/E	11A 3D/E	11A 3D/E
915/60	2SJ-20	10SL-3	.220	11A 3P/S	11A 3P/S	11A 3P/S
915/60	2SJ-18	10SL-3	.246	11A 3P/S	11A 3P/S	11A 3P/S
915/60	2SJ-16	10SL-3	.265	11B 3P/S	11B 3P/S	11B 3P/S
915/60	2SJ-14	20-4	.302	20F 4P/S	20F 4P/S	20F 4P/S
915/60	2SJ-12	20-4	.400	20F 4P/S	20F 4P/S	20F 4P/S
915/60	2SJ-11	22-22 See Note 1	.445	22A 22P/S	22A 22P/S	22A 22P/S
915/60	2SJ-9	22-22	.530	22A 22P/S	22A 22P/S	22A 22P/S
915/60	2SJ-7	22-22 See Note 2	.605	22A 22P/S	22A 22P/S	22A 22P/S
915/60	3SJ-22	14S-2	.217	15E 2P/S	15E 2P/S	15E 2P/S
915/60	3SJ-20	14S-2	.234	15E 2P/S	15E 2P/S	15E 2P/S
915/60	3SJ-18	14S-2	.264	15E 2P/S	15E 2P/S	15E 2P/S
915/60	3SJ-16	14S-2	.285	15E 2P/S	15E 2P/S	15E 2P/S
915/60	3SJ-14	20-4	.325	20F 4P/S	20F 4P/S	20F 4P/S
915/60	3SJ-12	20-4	.440	20A 4P/S	20A 4P/S	20A 4P/S
915/60	3SJ-9	22-22	.600	22A 22P/S	22A 22P/S	22A 22P/S
915/60	4SJ-20	16S-1	.280	17D 1P/S	17D 1P/S	17D 1P/S
915/60	4SJ-16	16S-1	.325	17D 1P/S	17D 1P/S	17D 1P/S
915/60	4SJ-14	22-23	.370	22G 23P/S	22G 23P/S	22G 23P/S
915/61	S2S	14S-2	.500	15D 2P/S	15D 2P/S	15D 2P/S
915/62	3SF-7	28-21	1.040	28D 21P/S	28D 21P/S	28D 21P/S
915/63	2U-10	24-28	.480	24F 28D/E	24F 28D/E	24F 28D/E
915/63	2U-15	28-21	.560	28A 21D/E	28A 21D/E	28A 21D/E
915/63	2U-19	36-10	.580	36F 10D/E	36F 10D/E	36F 10D/E
915/63	2U-30	40-56	.700	40F 56D/E	40F 56D/E	40F 56D/E
915/63	2U-45	44-52 See Note 4	.870	44F 52P/S	44F 52P/S	44F 52P/S
915/64	2WAU-40	40-56	1.370	40B 56P/S	40B 56P/S	40B 56P/S
915/66	MSPW	44-52	1.635	44E 52P/S	44E 52P/S	44E 52P/S
915/67	MSP	44-52	1.635	44E 52D/E	44E 52D/E	44E 52D/E
915/68	DNW-3	10SL-3	.390	11B 3P/S	11B 3P/S	11B 3P/S
915/68	DNW-4	20-4	.430	20F 4P/S	20F 4P/S	20F 4P/S
915/68	DNW-9	22-22 See Note 1	.545	22A 22P/S	22A 22P/S	22A 22P/S
915/68	DNW-14	22-22	.610	22A 22P/S	22A 22P/S	22A 22P/S
915/68	DNW-23	22-22 See Note 2	.690	22B 22P/S	22B 22P/S	22B 22P/S
915/68	DNW-50	32-17 See Note 3	.910	32A 17P/S	32A 17P/S	32A 17P/S
915/68	DNW-75	36-5 See Note 3	1.080	36A 5P/S	36A 5P/S	36A 5P/S
915/68	DNW-100	36-5	1.170	36A 5P/S	36A 5P/S	36A 5P/S
915/69	TNW-3	10SL-3	.411	11B 3P/S	11B 3P/S	11B 3P/S
915/69	TNW-4	20-4	.449	20A 4P/S	20A 4P/S	20A 4P/S
915/69	TNW-9	22-22 See Note 1	.625	22B 22P/S	22B 22P/S	22B 22P/S
915/69	TNW-14	22-22	.670	22B 22P/S	22B 22P/S	22B 22P/S
915/69	TNW-23	22-22 See Note 2	.760	22D 22P/S	22D 22P/S	22D 22P/S
915/69	TNW-50	32-17 See Note 3	.969	32B 17P/S	32B 17P/S	32B 17P/S
915/69	TNW-75	36-5 See Note 3	1.134	36A 5P/S	36A 5P/S	36A 5P/S
915/69	TNW-100	36-5	1.266	36B 5P/S	36B 5P/S	36B 5P/S

Notes:

1. Must use MS3348-8-10 Bushing
2. Must use MS3348-4-6 Bushing
3. Must use MS3348-0-2 Bushing
4. Must use contact size 16-22 (order as D or E)

MIL-C-5015
1C CRIMP FRONT RELEASE

MIL-C-5015 CRIMP FRONT RELEASE

MIL-C-915 REV E, CABLE, CONNECTOR & ADAPTER CONFIGURATIONS

This Data is a recap of Navy cable assignment of MIL-STD. 1683

Dash Number	Type	Insert Layout	Cable Diameter	Backshell Straight Assembly MS3406DJ	Backshell 90° Assembly MS3408DJ	Backshell 45° Assembly MS3409DJ
915/70	FNW-3	14S-2	.447	15D 2P/S	15D 2P/S	15D 2P/S
915/70	FNW-4	20-4	.513	20A 4P/S	20A 4P/S	20A 4P/S
915/70	FNW-9	22-22 See Note 1	.630	22B 22P/S	22B 22P/S	22B 22P/S
915/70	FNW-23	22-22 See Note 2	.830	22D 22P/S	22D 22P/S	22D 22P/S
915/71	MNW-7	16S-1	.390	17D 1P/S	17D 1P/S	17D 1P/S
915/71	MNW-10	18-1	.480	18A 1P/S	18A 1P/S	18A 1P/S
915/71	MNW-14	20-27	.515	20A 27P/S	20A 27P/S	20A 27P/S
915/71	MNW-19	24-28	.560	24A 28P/S	24A 28P/S	24A 28P/S
915/71	MNW-24	24-28	.650	24A 28P/S	24A 28P/S	24A 28P/S
915/71	MNW-30	28-21	.685	28A 21P/S	28A 21P/S	28A 21P/S
915/71	MNW-37	28-21	.740	28A 21P/S	28A 21P/S	28A 21P/S
915/71	MNW-44	36-10	.840	36G 10P/S	36G 10P/S	36G 10P/S
915/72	TPNW-1½	10SL-3	.220	11A 3D/E	11A 3D/E	11A 3D/E
915/72	TPNW-3	16S-1	.290	17D 1D/E	17D 1D/E	17D 1D/E
915/72	TPNW-5	18-1	.340	18F 1D/E	18F 1D/E	18F 1D/E
915/72	TPNW-10	24-28	.450	24F 28D/E	24F 28D/E	24F 28D/E
915/72	TPNW-15	28-21	.510	28A 21D/E	28A 21D/E	28A 21D/E
915/72	TPNW-20	36-10	.560	36F 10D/E	36F 10D/E	36F 10D/E
915/72	TPNW-30	40-62	.680	40F 62D/E	40F 62D/E	40F 62D/E
915/72	TPNW-40	40-56	.750	40F 56D/E	40F 56D/E	40F 56D/E
915/73	DRW	20-4	.670	20B 4P/S	20B 4P/S	20B 4P/S
915/73	SRW	20-4	.400	20F 4P/S	20F 4P/S	20F 4P/S
915/73	TRW	20-4	.710	20B 4P/S	20B 4P/S	20B 4P/S

Notes:

1. Must use MS3348-8-10 Bushing
2. Must use MS3348-4-6 Bushing
3. Must use MS3348-0-2 Bushing
4. Must use contact size 16-22 (order as D or E)

SECTION 1D

MIL-C-5015

CRIMP REAR RELEASE CONTACT CONNECTORS

壓接型插針 / 插座由連接器後方插入 / 退出方式

MIL-C-5015 CRIMP REAR RELEASE ORDERING INFORMATION

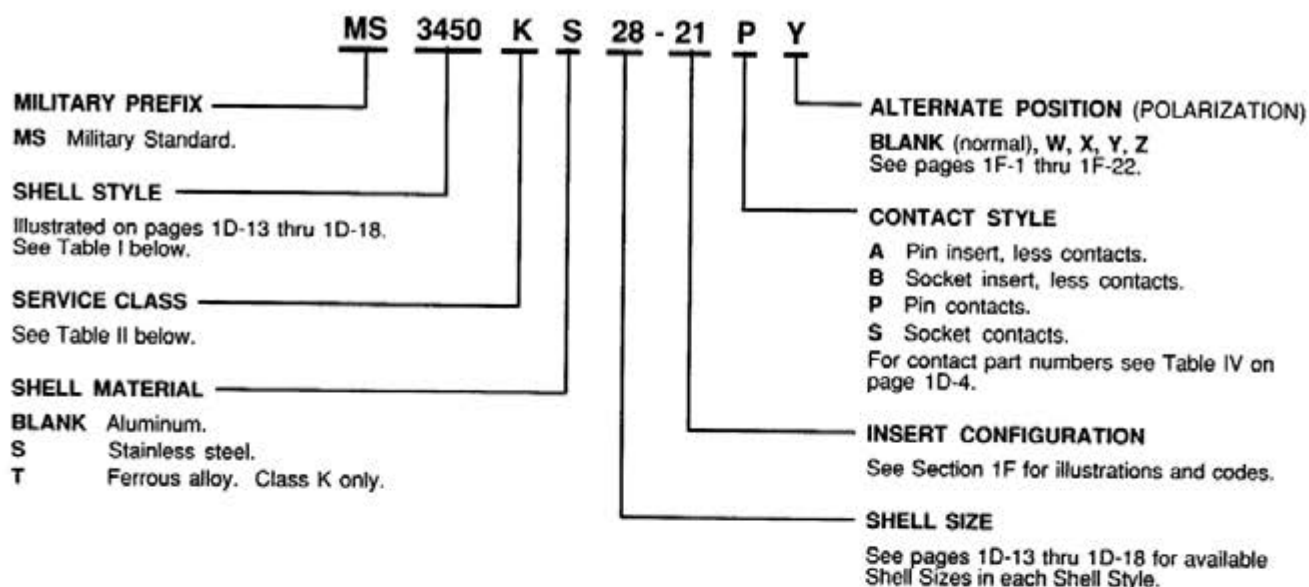


TABLE I. SHELL STYLE

MS NO.	DESCRIPTION	AVAILABLE IN CLASS	SEE PAGE
MS3450	Wall mount receptacle	K, L, U, W	1D-13
MS3451	In-line receptacle	L, U, W	1D-14
MS3452	Box mount receptacle	L, U, W	1D-15
MS3454	Jam nut receptacle	L, U, W	1D-16
MS3456	Straight plug	K, L, U, W	1D-17
MS3459	Straight plug, self locking coupling nut	K, L	1D-18

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TABLE II. SERVICE CLASS/SHELL MATERIAL

CLASS	MATERIAL	FINISH	APPLICATION	TEMPERATURE	FLUID RESISTANCE
K ²	Carbon steel	Electroless nickel	Firewall	-55, + 175° C	Complete
KS	Stainless	Passivated	Firewall	-55, + 175° C	Complete
KT	Carbon steel	Cadmium olive drab, 96 hr	Firewall	-55, + 175° C	Complete
L	Aluminum	Electroless nickel	High temperature	-55, + 200° C	Complete
LS	Stainless	Passivated	High temperature	-55, + 200° C	Complete
U ¹	Aluminum	Electroless nickel	High temperature	-55, + 200° C	Partial
US ¹	Stainless	Passivated	High temperature	-55, + 200° C	Partial
W	Aluminum	Cadmium olive drab, 96 hr	General purpose	-55, + 175° C	Partial

1. Inactive for new design.
2. Cancelled.

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TABLE IV. INSERT AND CONTACT INFORMATION

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
8S-1	1	1	16	M39029/29-212	M39029/30-217
10S-2	1	1	16	M39029/29-212	M39029/30-217
10SL-3	3	3	16	M39029/29-212	M39029/30-217
10SL-4	2	2	16	M39029/29-212	M39029/30-217
12-5	1	1	12	M39029/29-213	M39029/30-219
12S-1	2	2	16	M39029/29-212	M39029/30-217
12S-2	2	2	16	M39029/29-212	M39029/30-217
12S-3	2	2	16	M39029/29-212	M39029/30-217
12S-4	1	1	16	M39029/29-212	M39029/30-217
14-3	1	1	8	M39029/29-214	M39029/30-220
14S-1	3	3	16	M39029/29-212	M39029/30-217
14S-2	4	4	16	M39029/29-212	M39029/30-217
14S-4	1	1	16	M39029/29-212	M39029/30-217
14S-5	5	5	16	M39029/29-212	M39029/30-217
14S-6	6	6	16	M39029/29-212	M39029/30-217
14S-7	3	3	16	M39029/29-212	M39029/30-217
14S-9	2	2	16	M39029/29-212	M39029/30-217
14S-10	4	4	16	M39029/29-212	M39029/30-217
14S-11	4	4	16	M39029/29-212	M39029/30-217
14S-12	3	3	16	M39029/29-212	M39029/30-217
14S-13	3	3	16	M39029/29-212	M39029/30-217
14S-14	4	4	16	M39029/29-212	M39029/30-217
16-2	1	1	12	M39029/29-213	M39029/30-219
16-7	3	2	16	M39029/29-212	M39029/30-218
		1	8	M39029/29-214	M39029/30-220
16-9	4	2	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
16-10	3	3	12	M39029/29-213	M39029/30-219
16-11	2	2	12	M39029/29-213	M39029/30-219
16-12	1	1	4	M39029/29-215	M39029/30-221
16-13	2	1	12C*	M39029/85-458	M39029/86-466
		1	12I*	M39029/85-461	M39029/86-469
16S-1	7	7	16	M39029/29-212	M39029/30-217
16S-3	1	1	16	M39029/29-212	M39029/30-217
16S-4	2	2	16	M39029/29-212	M39029/30-217
16S-5	3	3	16	M39029/29-212	M39029/30-217
16S-6	3	3	16	M39029/29-212	M39029/30-217
16S-8	5	5	16	M39029/29-212	M39029/30-217
16S-14	3	3	16	M39029/29-212	M39029/30-217
16S-15	2	2	16	M39029/29-212	M39029/30-217
16S-16	2	2	16	M39029/29-212	M39029/30-217
16S-17	3	3	16	M39029/29-212	M39029/30-217
18-1	10	10	16	M39029/29-212	M39029/30-218
18-2	3	3	16	M39029/29-212	M39029/30-218
18-3	2	2	12	M39029/29-213	M39029/30-219
18-4	4	4	16	M39029/29-212	M39029/30-218

* C = Constantan; I = Iron

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CRIMP REAR RELEASE

TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
18-5	3	1	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
18-6	1	1	4	M39029/29-215	M39029/30-221
18-7	1	1	8	M39029/29-214	M39029/30-220
18-8	8	7	16	M39029/29-212	M39029/30-218
		1	12	M39029/29-213	M39029/30-219
18-9	7	5	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
18-10	4	4	12	M39029/29-213	M39029/30-219
18-11	5	5	12	M39029/29-213	M39029/30-219
18-12	6	6	16	M39029/29-212	M39029/30-218
18-13	4	3	12	M39029/29-213	M39029/30-219
		1	8	M39029/29-214	M39029/30-220
18-14	2	1	16	M39029/29-212	M39029/30-218
		1	4	M39029/29-215	M39029/30-221
18-15	4	2	12C*	M39029/85-458	M39029/86-466
		2	12I*	M39029/85-461	M39029/86-469
18-17	7	5	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
18-18	7	5	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
18-19	10	10	16	M39029/29-212	M39029/30-218
18-20	5	5	16	M39029/29-212	M39029/30-218
18-21	3	3	12	M39029/29-213	M39029/30-219
18-22	3	3	16	M39029/29-212	M39029/30-218
18-23	10	10	16	M39029/29-212	M39029/30-218
18-24	10	10	16	M39029/29-212	M39029/30-218
18-25	2	2	12	M39029/29-213	M39029/30-219
18-26	2	2	12	M39029/29-213	M39029/30-219
18-27	3	1	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
18-28	3	1	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
18-29	5	5	16	M39029/29-212	M39029/30-218
18-30	5	5	16	M39029/29-212	M39029/30-218
18-31	5	5	16	M39029/29-212	M39029/30-218
20-1	14	14	16	M39029/29-212	M39029/30-218
20-2	1	1	1/0	M39029/29-216	M39029/30-222
20-3	3	3	12	M39029/29-213	M39029/30-219
20-4	4	4	12	M39029/29-213	M39029/30-219
20-5	2	2	16	M39029/29-212	M39029/30-218
20-6	3	3	16	M39029/29-212	M39029/30-218
20-7	8	8	16	M39029/29-212	M39029/30-218
20-8	6	4	16	M39029/29-212	M39029/30-218
		2	8	M39029/29-214	M39029/30-220
20-9	8	7	16	M39029/29-212	M39029/30-218
		1	12	M39029/29-213	M39029/30-219

* C = Constantan; I = Iron.

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
20-10	4	4	16	M39029/29-212	M39029/30-218
20-11	13	13	16	M39029/29-212	M39029/30-218
20-12	2	1	16	M39029/29-212	M39029/30-218
		1	4	M39029/29-215	M39029/30-221
20-14	5	3	12	M39029/29-213	M39029/30-219
		2	8	M39029/29-214	M39029/30-220
20-15	7	7	12	M39029/29-213	M39029/30-219
20-16	9	7	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
20-17	6	1	16	M39029/29-212	M39029/30-218
		5	12	M39029/29-213	M39029/30-219
20-18	9	6	16	M39029/29-212	M39029/30-218
		3	12	M39029/29-213	M39029/30-219
20-19	3	3	8	M39029/29-214	M39029/30-220
20-20	4	3	12	M39029/29-213	M39029/30-219
		1	4	M39029/29-215	M39029/30-221
20-21	9	8	16	M39029/29-212	M39029/30-218
		1	12	M39029/29-213	M39029/30-219
20-22	6	3	16	M39029/29-212	M39029/30-218
		3	8	M39029/29-214	M39029/30-220
20-23	2	2	8	M39029/29-214	M39029/30-220
20-24	4	2	16	M39029/29-212	M39029/30-218
		2	8	M39029/29-214	M39029/30-220
20-25	13	13	16	M39029/29-212	M39029/30-218
20-26	3	3	12	M39029/29-213	M39029/30-219
20-27	14	14	16	M39029/29-212	M39029/30-218
20-29	17	17	16	M39029/29-212	M39029/30-218
20-30	13	13	16	M39029/29-212	M39029/30-217
20-31	11	11	16	M39029/29-212	M39029/30-218
20-32	8	8	16	M39029/29-212	M39029/30-218
20-33	11	11	16	M39029/29-212	M39029/30-218
22-1	2	2	8	M39029/29-214	M39029/30-220
22-2	3	3	8	M39029/29-214	M39029/30-220
22-3	2	1	16	M39029/29-212	M39029/30-218
		1	4	M39029/29-215	M39029/30-221
22-4	4	2	12	M39029/29-213	M39029/30-219
		2	8	M39029/29-214	M39029/30-220
22-5	6	4	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
22-6	3	1	16	M39029/29-212	M39029/30-218
		2	8	M39029/29-214	M39029/30-220
22-7	1	1	1/0	M39029/29-216	M39029/30-222
22-8	2	2	12	M39029/29-213	M39029/30-219
22-9	3	3	12	M39029/29-213	M39029/30-219
22-10	4	4	16	M39029/29-212	M39029/30-218
22-11	2	2	16	M39029/29-212	M39029/30-218
22-12	5	3	16	M39029/29-212	M39029/30-218
		2	8	M39029/29-214	M39029/30-220

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
22-13	5	1	16	M39029/29-212	M39029/30-218
		4	12	M39029/29-213	M39029/30-219
22-14	19	19	16	M39029/29-212	M39029/30-218
22-15	6	1	16	M39029/29-212	M39029/30-218
		5	12	M39029/29-213	M39029/30-219
22-16	9	6	16	M39029/29-212	M39029/30-218
		3	12	M39029/29-213	M39029/30-219
22-17	9	8	16	M39029/29-212	M39029/30-218
		1	12	M39029/29-213	M39029/30-219
22-18	8	8	16	M39029/29-212	M39029/30-218
22-19	14	14	16	M39029/29-212	M39029/30-218
22-20	9	9	16	M39029/29-212	M39029/30-218
22-21	3	2	16	M39029/29-212	M39029/30-218
		1	1/0	M39029/29-216	M39029/30-222
22-22	4	4	8	M39029/29-214	M39029/30-220
22-23	8	8	12	M39029/29-213	M39029/30-219
22-24	6	1	16	M39029/29-212	M39029/30-218
		5	12	M39029/29-213	M39029/30-219
22-25	3	2	16	M39029/29-212	M39029/30-218
		1	1/0	M39029/29-216	M39029/30-222
22-26	7	5	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
22-27	9	8	16	M39029/29-212	M39029/30-218
		1	8	M39029/29-214	M39029/30-220
22-28	7	7	12	M39029/29-213	M39029/30-219
22-29	7	6	18	M39029/29-212	M39029/30-218
		1	4	M39029/29-215	M39029/30-221
22-30	19	19	16	M39029/29-212	M39029/30-218
22-31	2	2	16	M39029/29-212	M39029/30-218
22-32	6	4	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
22-33	7	7	16	M39029/29-212	M39029/30-218
22-34	5	2	16	M39029/29-212	M39029/30-218
		3	12	M39029/29-213	M39029/30-219
22-35	3	3	8	M39029/29-214	M39029/30-220
22-36	8	4	12C*	M39029/85-458	M39029/86-466
		4	12I*	M39029/85-461	M39029/86-469
24-1	2	1	12	M39029/29-213	M39029/30-219
		1	1/0	M39029/29-216	M39029/30-222
24-2	7	7	12	M39029/29-213	M39029/30-219
24-3	7	5	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
24-4	4	3	12	M39029/29-213	M39029/30-219
		1	1/0	M39029/29-216	M39029/30-222
24-5	16	16	16	M39029/29-212	M39029/30-218
24-6	8	8	12	M39029/29-213	M39029/30-219
24-7	16	14	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219

* C = Constantan; I = Iron

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TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
24-9	2	2	4	M39029/29-215	M39029/30-221
24-10	7	7	8	M39029/29-214	M39029/30-220
24-11	9	6	12	M39029/29-213	M39029/30-219
		3	8	M39029/29-214	M39029/30-220
24-12	5	3	12	M39029/29-213	M39029/30-219
		2	4	M39029/29-215	M39029/30-221
24-14	3	2	12	M39029/29-213	M39029/30-219
		1	1/0	M39029/29-216	M39029/30-222
24-15	16	16	16	M39029/29-212	M39029/30-218
24-16	7	3	16	M39029/29-212	M39029/30-218
		3	12	M39029/29-213	M39029/30-219
		1	8	M39029/29-214	M39029/30-220
24-17	5	3	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
24-19	12	12	16	M39029/29-212	M39029/30-218
24-20	11	9	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
24-21	10	9	16	M39029/29-212	M39029/30-218
		1	8	M39029/29-214	M39029/30-220
24-22	4	4	8	M39029/29-214	M39029/30-220
24-23	5	2	16	M39029/29-212	M39029/30-218
		3	8	M39029/29-214	M39029/30-220
24-24	16	16	16	M39029/29-212	M39029/30-218
24-25	8	8	12	M39029/29-213	M39029/30-219
24-26	8	8	12	M39029/29-213	M39029/30-219
24-27	7	7	16	M39029/29-212	M39029/30-218
24-28	24	24	16	M39029/29-212	M39029/30-218
24-80	23	23	16	M39029/29-212	M39029/30-218
28-1	9	6	12	M39029/29-213	M39029/30-219
		3	8	M39029/29-214	M39029/30-220
28-2	14	12	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
28-3	3	3	8	M39029/29-214	M39029/30-220
28-4	9	7	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
28-5	5	2	16	M39029/29-212	M39029/30-218
		1	12	M39029/29-213	M39029/30-219
		2	4	M39029/29-215	M39029/30-221
28-6	3	3	4	M39029/29-215	M39029/30-221
28-7	2	2	4	M39029/29-215	M39029/30-221
28-8	12	10	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
28-9	12	6	16	M39029/29-212	M39029/30-218
		6	12	M39029/29-213	M39029/30-219
28-10	7	3	12	M39029/29-213	M39029/30-219
		2	8	M39029/29-214	M39029/30-220
		2	4	M39029/29-215	M39029/30-221
28-11	22	18	16	M39029/29-212	M39029/30-218
		4	12	M39029/29-213	M39029/30-219

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CRIMP REAR RELEASE

TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
28-12	26	26	16	M39029/29-212	M39029/30-218
28-13	26	26	16	M39029/29-212	M39029/30-218
28-14	11	11	16	M39029/29-212	M39029/30-218
28-15	35	35	16	M39029/29-212	M39029/30-218
28-16	20	20	16	M39029/29-212	M39029/30-218
28-17	15	15	16	M39029/29-212	M39029/30-218
28-18	12	12	16	M39029/29-212	M39029/30-218
28-19	10	6	16	M39029/29-212	M39029/30-218
		4	12	M39029/29-213	M39029/30-219
28-20	14	4	16	M39029/29-212	M39029/30-218
		10	12	M39029/29-213	M39029/30-219
28-21	37	37	16	M39029/29-212	M39029/30-218
28-22	6	3	16	M39029/29-212	M39029/30-218
		3	4	M39029/29-215	M39029/30-221
28-23	24	21	16	M39029/29-212	M39029/30-218
		3	8S*	Mfr Supplied	Mfr Supplied
28-24	24	21	16	M39029/29-212	M39029/30-218
		3	8S*	Mfr Supplied	Mfr Supplied
32-1	5	3	12	M39029/29-213	M39029/30-219
		2	1/0	M39029/29-216	M39029/30-222
32-2	5	2	16	M39029/29-212	M39029/30-218
		3	4	M39029/29-215	M39029/30-221
32-3	9	4	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
		2	4	M39029/29-215	M39029/30-221
		1	1/0	M39029/29-216	M39029/30-222
32-4	14	12	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
32-5	2	2	1/0	M39029/29-216	M39029/30-222
32-6	23	16	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
		3	8	M39029/29-214	M39029/30-220
		2	4	M39029/29-215	M39029/30-221
32-7	35	28	16	M39029/29-212	M39029/30-218
		7	12	M39029/29-213	M39029/30-219
32-8	30	24	16	M39029/29-212	M39029/30-218
		6	12	M39029/29-213	M39029/30-219
32-9	14	12	16	M39029/29-212	M39029/30-218
		2	4	M39029/29-215	M39029/30-221
32-10	7	3	16	M39029/29-212	M39029/30-218
		2	8	M39029/29-214	M39029/30-220
		2	4	M39029/29-215	M39029/30-221
32-12	15	10	16	M39029/29-212	M39029/30-218
		5	12	M39029/29-213	M39029/30-219
32-13	23	18	16	M39029/29-212	M39029/30-218
		5	12	M39029/29-213	M39029/30-219
32-14	7	5	12	M39029/29-213	M39029/30-219
		2	4	M39029/29-215	M39029/30-221

* S = Shielded

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CRIMP REAR RELEASE
1D

MIL-C-5015

CRIMP REAR RELEASE

TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
32-15	8	6	12	M39029/29-213	M39029/30-219
		2	1/0	M39029/29-216	M39029/30-222
32-16	23	16	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
		3	8	M39029/29-214	M39029/30-220
		2	4	M39029/29-215	M39029/30-221
32-17	4	4	4	M39029/29-215	M39029/30-221
32-18	14	12	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
32-19	5	3	12	M39029/29-213	M39029/30-219
		2	1/0	M39029/29-216	M39029/30-222
32-20	23	16	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
		3	8	M39029/29-214	M39029/30-220
		2	4	M39029/29-215	M39029/30-221
32-22	54	54	16	M39029/29-212	M39029/30-218
32-63	5	5	4	M39029/29-215	M39029/30-221
32-73	46	46	16	M39029/29-212	M39029/30-218
36-1	22	18	16	M39029/29-212	M39029/30-218
		4	12	M39029/29-213	M39029/30-219
36-2	5	2	12	M39029/29-213	M39029/30-219
		3	1/0	M39029/29-216	M39029/30-222
36-3	6	3	12	M39029/29-213	M39029/30-219
		3	1/0	M39029/29-216	M39029/30-222
36-4	3	3	1/0	M39029/29-216	M39029/30-222
36-5	4	4	1/0	M39029/29-216	M39029/30-222
36-6	6	4	4	M39029/29-215	M39029/30-221
		2	1/0	M39029/29-216	M39029/30-222
36-7	47	40	16	M39029/29-212	M39029/30-218
		7	12	M39029/29-213	M39029/30-219
36-8	47	46	16	M39029/29-212	M39029/30-218
		1	12	M39029/29-213	M39029/30-219
36-9	31	14	16	M39029/29-212	M39029/30-218
		14	12	M39029/29-213	M39029/30-219
		2	8	M39029/29-214	M39029/30-220
		1	4	M39029/29-215	M39029/30-221
36-10	48	48	16	M39029/29-212	M39029/30-218
36-11	48	48	16	M39029/29-212	M39029/30-218
36-12	48	48	16	M39029/29-212	M39029/30-218
36-13	17	15	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
36-14	16	6	16	M39029/29-212	M39029/30-218
		5	12	M39029/29-213	M39029/30-219
		5	8	M39029/29-214	M39029/30-220
36-15	35	35	16	M39029/29-212	M39029/30-218
36-16	47	40	16	M39029/29-212	M39029/30-218
		7	12	M39029/29-213	M39029/30-219

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CRIMP REAR RELEASE

TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
36-17	47	40	16	M39029/29-212	M39029/30-218
		7	12	M39029/29-213	M39029/30-219
36-18	31	14	16	M39029/29-212	M39029/30-218
		14	12	M39029/29-213	M39029/30-219
		2	8	M39029/29-214	M39029/30-220
		1	4	M39029/29-215	M39029/30-221
36-19	17	10	16	M39029/29-212	M39029/30-218
		5	12	M39029/29-213	M39029/30-219
		1	4	M39029/29-215	M39029/30-221
		1	1/0	M39029/29-216	M39029/30-222
36-20	34	30	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
		2	8	M39029/29-214	M39029/30-220
36-21	31	14	16	M39029/29-212	M39029/30-218
		14	12	M39029/29-213	M39029/30-219
		2	8	M39029/29-214	M39029/30-220
		1	4	M39029/29-215	M39029/30-221
36-52	52	52	16	M39029/29-212	M39029/30-218
36-86	56	52	16	M39029/29-212	M39029/30-218
		4	12	M39029/29-213	M39029/30-219
40-1	30	24	16	M39029/29-212	M39029/30-218
		6	12	M39029/29-213	M39029/30-219
40-2	23	23	16	M39029/29-212	M39029/30-218
40-3	23	18	16	M39029/29-212	M39029/30-218
		4	12	M39029/29-213	M39029/30-219
		1	4	M39029/29-215	M39029/30-221
40-4	23	16	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
		3	8	M39029/29-214	M39029/30-220
		2	4	M39029/29-215	M39029/30-221
40-5	15	6	12	M39029/29-213	M39029/30-219
		4	8	M39029/29-214	M39029/30-220
		2	4	M39029/29-215	M39029/30-221
		3	1/0	M39029/29-216	M39029/30-222
40-6	26	24	16	M39029/29-212	M39029/30-218
		1	12	M39029/29-213	M39029/30-219
		1	1/0	M39029/29-216	M39029/30-222
40-7	22	18	16	M39029/29-212	M39029/30-218
		2	12	M39029/29-213	M39029/30-219
		2	1/0	M39029/29-216	M39029/30-222
40-9	47	24	16	M39029/29-212	M39029/30-218
		22	12	M39029/29-213	M39029/30-219
		1	8	M39029/29-214	M39029/30-220
40-10	29	16	16	M39029/29-212	M39029/30-218
		9	8	M39029/29-214	M39029/30-220
		4	4	M39029/29-215	M39029/30-221

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CRIMP REAR RELEASE
1D

MIL-C-5015

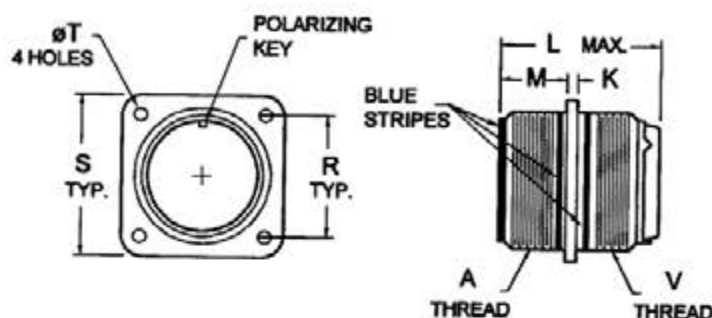
CRIMP REAR RELEASE

TABLE IV. INSERT AND CONTACT INFORMATION (CONT.)

INSERT NUMBER	CONTACTS			CONTACT PART NUMBER	
	TOTAL	QTY	SIZE	PIN	SOCKET
40-11	25	18	16	M39029/29-212	M39029/30-218
		4	12	M39029/29-213	M39029/30-219
		1	8	M39029/29-214	M39029/30-220
		1	4	M39029/29-215	M39029/30-221
		1	1/0	M39029/29-216	M39029/30-222
40-12	29	22	16	M39029/29-212	M39029/30-218
		6	12	M39029/29-213	M39029/30-219
		1	1/0	M39029/29-216	M39029/30-222
40-13	23	23	16	M39029/29-212	M39029/30-218
40-14	32	21	16	M39029/29-212	M39029/30-218
		10	12	M39029/29-213	M39029/30-219
		1	1/0	M39029/29-216	M39029/30-222
40-56	85	85	16	M39029/29-212	M39029/30-218
40-62	60	60	16	M39029/29-212	M39029/30-218

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FIREWALL **MS3450K**
HIGH TEMPERATURE **MS3450L, U**
GENERAL PURPOSE **MS3450W**
WALL MOUNT RECEPTACLE



MIL-C-5015
1D CRIMP REAR RELEASE

SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.015 [±0.38]	L MAX		M +.031 -.000 [+0.79] [-0.00]	R T.P. C - C	S ±.031 [±0.79]	+.010 -.005 [+0.25] [-0.13]		V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE					T	CLASS	
			16 & 12	8, 4 & 0						
8S	1/2-28 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.594 [15.09]	.875 [22.22]	.150 [3.81]	.120 [3.06]	1/2-20 UNF
10S	5/8-24 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.150 [3.81]	.120 [3.05]	5/8-24 UNEF
10SL	5/8-24 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.150 [3.81]	.120 [3.05]	5/8-24 UNEF
12S	3/4-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.150 [3.81]	.120 [3.05]	3/4-20 UNEF
12	3/4-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.150 [3.81]	.120 [3.05]	3/4-20 UNEF
14S	7/8-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.150 [3.81]	.120 [3.05]	7/8-20 UNEF
14	7/8-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.150 [3.81]	.120 [3.05]	7/8-20 UNEF
16S	1-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.150 [3.81]	.120 [3.05]	1-20 UNEF
16	1-20 UNEF	.083 [2.11]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.150 [3.81]	.120 [3.05]	1-20 UNEF
18	1 1/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.177 [4.50]	.120 [3.05]	1 1/8-18 UNEF
20	1 1/4-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.177 [4.50]	.120 [3.05]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.177 [4.50]	.120 [3.05]	1 5/16-18 UNEF
24	1 1/2-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.177 [4.50]	.147 [3.73]	1 7/16-18 UNEF
28	1 3/4-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.177 [4.50]	.147 [3.73]	1 3/4-18 UNS
32	2-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.209 [5.31]	.173 [4.39]	2-18 UNS
36	2 1/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	1.938 [49.22]	2.500 [63.50]	.209 [5.31]	.173 [4.39]	2 1/4-18 UN
40	2 1/2-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.209 [5.31]	.173 [4.39]	2 1/2-18 UN
44	2 3/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.209 [5.31]	.173 [4.39]	2 3/4-18 UN
48	3-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.209 [5.31]	.173 [4.39]	3-18 UN

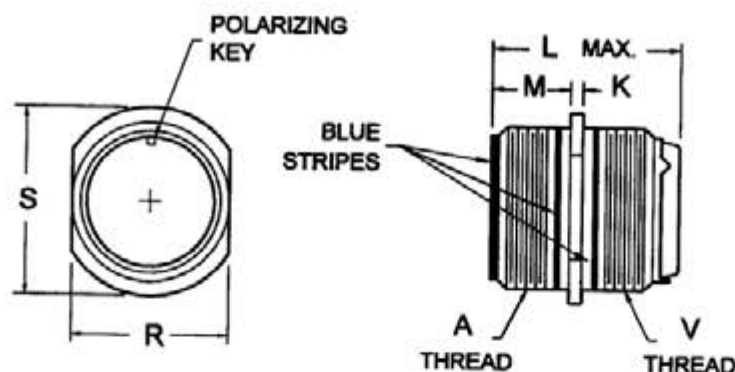
1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1D052

MS3451L, U HIGH TEMPERATURE

MS3451W GENERAL PURPOSE

IN-LINE RECEPTACLE

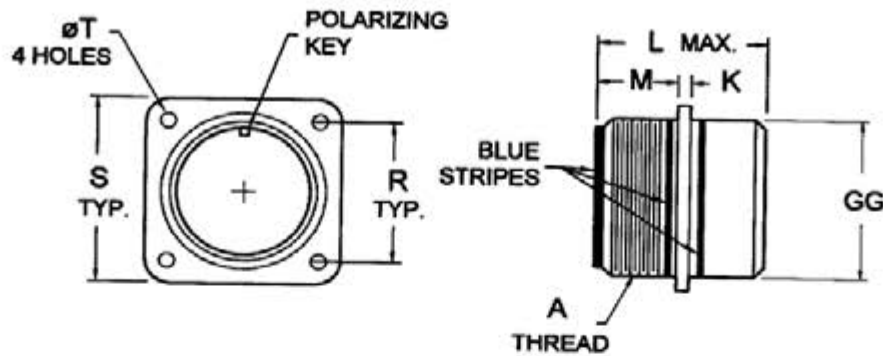


SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.015 [±0.38]	L MAX		M +.031 -.000 [+0.79] [-0.00]	R		S ±.031 [±0.79]	V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE			MAX.	MIN.		
			16 & 12	8, 4 & 0					
8S	1/2-28 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.504 [12.80]	.496 [12.80]	.729 [18.52]	1/2-20 UNF
10S	5/8-24 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.829 [15.98]	.821 [15.77]	.854 [21.69]	5/8-24 UNEF
10SL	5/8-24 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.829 [15.98]	.821 [15.77]	.854 [21.69]	5/8-24 UNEF
12S	3/4-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.754 [19.15]	.746 [18.95]	.974 [24.74]	3/4-20 UNEF
12	3/4-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.754 [19.15]	.746 [18.95]	.974 [24.74]	3/4-20 UNEF
14S	7/8-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	.879 [22.33]	.871 [22.12]	1.099 [27.91]	7/8-20 UNEF
14	7/8-20 UNEF	.083 [2.11]	2.125 [53.97]	-	.750 [19.05]	.879 [22.33]	.871 [22.12]	1.099 [27.91]	7/8-20 UNEF
16S	1-20 UNEF	.083 [2.11]	2.031 [51.59]	-	.562 [14.27]	1.005 [25.53]	.996 [25.30]	1.224 [31.09]	1-20 UNEF
16	1-20 UNEF	.083 [2.11]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.005 [25.53]	.996 [25.30]	1.224 [31.09]	1-20 UNEF
18	1 1/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.131 [28.73]	1.121 [28.47]	1.349 [34.26]	1 1/8-18 UNEF
20	1 1/4-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.256 [31.90]	1.248 [31.65]	1.474 [37.44]	1 3/8-18 UNEF
22	1 3/8-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.750 [19.05]	1.381 [35.08]	1.371 [34.82]	1.599 [40.61]	1 5/8-18 UNEF
24	1 1/2-18 UNEF	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.508 [38.25]	1.496 [38.00]	1.715 [43.56]	1 7/8-18 UNEF
28	1 3/4-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.812 [20.62]	1.756 [44.80]	1.746 [44.35]	1.974 [50.14]	1 3/4-18 UNS
32	2-18 UNS	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.007 [50.98]	1.996 [50.70]	2.224 [56.49]	2-18 UNS
36	2 1/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.257 [57.33]	2.246 [57.05]	2.474 [62.84]	2 1/4-18 UN
40	2 1/2-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.511 [63.78]	2.496 [63.40]	2.724 [69.19]	2 1/2-18 UN
44	2 3/4-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	2.781 [70.13]	2.746 [69.75]	2.974 [75.54]	2 3/4-18 UN
48	3-18 UN	.125 [3.17]	2.125 [53.97]	2.500 [63.50]	.875 [22.22]	3.011 [76.48]	2.996 [76.10]	3.224 [81.89]	3-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1D054

HIGH TEMPERATURE **MS3452L, U**
 GENERAL PURPOSE **MS3452W**
 BOX MOUNT RECEPTACLE



SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.015 [±0.38]	L MAX.		M +.031 -.000 [+0.79] [-0.00]	R T.P. ℄ - ℄	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	øGG ±.016 [±0.41]
			CONTACT SIZE						
			16 & 12	8, 4 & 0					
8S	1/2-28 UNEF	.083 [2.11]	1.862 [42.21]	-	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	.500 [12.70]
10S	5/8-24 UNEF	.083 [2.11]	1.862 [42.21]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.625 [15.87]
10SL	5/8-24 UNEF	.083 [2.11]	1.862 [42.21]	-	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.625 [15.87]
12S	3/4-20 UNEF	.083 [2.11]	1.862 [42.21]	-	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.750 [19.05]
12	3/4-20 UNEF	.083 [2.11]	1.862 [42.21]	-	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.750 [19.05]
14S	7/8-20 UNEF	.083 [2.11]	1.862 [42.21]	-	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.875 [22.22]
14	7/8-20 UNEF	.083 [2.11]	1.862 [42.21]	-	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.875 [22.22]
16S	1-20 UNEF	.083 [2.11]	1.862 [42.21]	-	.562 [14.27]	.989 [24.61]	1.281 [32.54]	.120 [3.05]	1.000 [25.40]
16	1-20 UNEF	.083 [2.11]	1.862 [42.21]	1.937 [49.20]	.750 [19.05]	.989 [24.61]	1.281 [32.54]	.120 [3.05]	1.000 [25.40]
18	1 1/8-18 UNEF	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	1.062 [26.97]
20	1 1/4-18 UNEF	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	1.187 [30.15]
22	1 3/8-18 UNEF	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	1.312 [33.32]
24	1 1/2-18 UNEF	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	1.437 [36.50]
28	1 3/4-18 UNS	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	1.750 [44.45]
32	2-18 UNS	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	2.000 [50.80]
36	2 1/4-18 UN	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.875 [22.22]	1.938 [49.22]	2.500 [63.50]	.173 [4.39]	2.250 [57.15]
40	2 1/2-18 UN	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	2.500 [63.50]
44	2 3/4-18 UN	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	2.750 [69.85]
48	3-18 UN	.125 [3.17]	1.862 [42.21]	1.937 [49.20]	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	3.000 [76.20]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

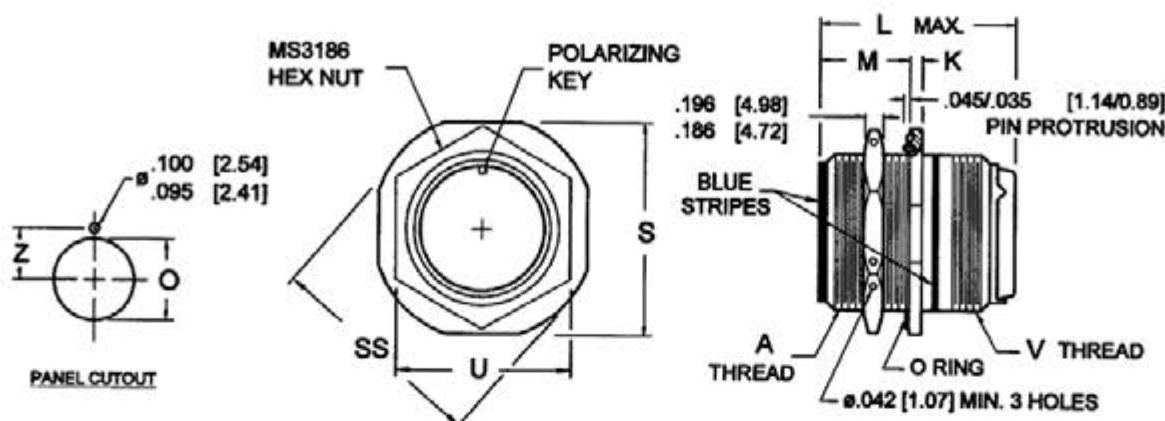
1D055

MIL-C-5015
 CRIMP REAR RELEASE
 1D

MS3454L, U HIGH TEMPERATURE

MS3454W GENERAL PURPOSE

JAM NUT RECEPTACLE

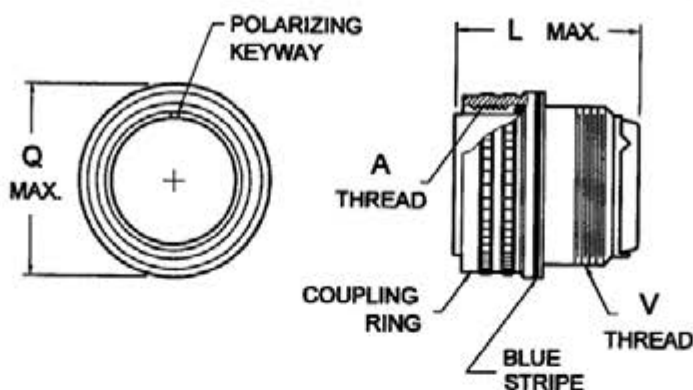


SHELL SIZE	A COUPLING THREAD CLASS 2A	K ±.005 [±0.13]	L MAX.		M ±.005 [±0.13]	S ±.005 [±0.13]	SS ±.005 [±0.13]	U ±.010 [±0.25]	O +.015 -.000 [+0.38] [-0.00]	Z ±.005 [±0.13]	V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE								
			16 & 12	8, 4 & 0							
8S	1/2-28 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.187 [30.15]	1.272 [32.31]	.687 [17.45]	.505 [12.83]	.323 [8.20]	1/2-20 UNF
10S	5/8-24 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.312 [33.32]	1.397 [35.48]	.812 [20.62]	.630 [16.00]	.385 [9.78]	5/8-24 UNEF
10SL	5/8-24 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.312 [33.32]	1.397 [35.48]	.812 [20.62]	.630 [16.00]	.385 [9.78]	5/8-24 UNEF
12S	3/4-20 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.437 [36.50]	1.522 [38.66]	.937 [23.80]	.755 [19.18]	.448 [11.38]	3/4-20 UNEF
12	3/4-20 UNEF	.115 [2.92]	2.125 [53.97]	-	.970 [24.64]	1.437 [36.50]	1.522 [38.66]	.937 [23.80]	.755 [19.18]	.448 [11.38]	3/4-20 UNEF
14S	7/8-20 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.582 [39.67]	1.647 [41.83]	1.125 [28.57]	.880 [22.35]	.510 [12.95]	7/8-20 UNEF
14	7/8-20 UNEF	.115 [2.92]	2.125 [53.97]	-	.970 [24.64]	1.582 [39.67]	1.647 [41.83]	1.125 [28.57]	.880 [22.35]	.510 [12.95]	7/8-20 UNEF
16S	1-20 UNEF	.115 [2.92]	2.031 [51.59]	-	.720 [18.29]	1.687 [42.85]	1.772 [45.01]	1.250 [31.75]	1.005 [25.53]	.573 [14.55]	1-20 UNEF
16	1-20 UNEF	.115 [2.92]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	1.687 [42.85]	1.772 [45.01]	1.250 [31.75]	1.005 [25.53]	.573 [14.55]	1-20 UNEF
18	1 1/8-18 UNEF	.115 [2.92]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	1.812 [46.02]	1.897 [48.18]	1.375 [34.92]	1.130 [28.70]	.635 [16.13]	1 1/16-18 UNEF
20	1 1/4-18 UNEF	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	1.937 [49.20]	2.022 [51.36]	1.500 [38.10]	1.255 [31.88]	.808 [17.73]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	2.158 [54.76]	2.241 [56.92]	1.625 [41.27]	1.380 [35.05]	.760 [19.30]	1 5/16-18 UNEF
24	1 1/2-18 UNEF	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	2.281 [57.94]	2.368 [60.10]	1.750 [44.45]	1.505 [38.23]	.823 [20.90]	1 7/16-18 UNEF
28	1 3/4-18 UNS	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	2.531 [64.29]	2.616 [66.45]	2.000 [50.80]	1.755 [44.58]	.948 [24.08]	1 3/4-18 UNS
32	2-18 UNS	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	2.781 [70.64]	2.866 [72.80]	2.375 [60.32]	2.005 [50.93]	1.073 [27.25]	2-18 UNS
36	2 1/4-16 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	3.031 [76.99]	3.116 [79.15]	2.625 [66.67]	2.255 [57.28]	1.198 [30.43]	2 1/4-16 UN
40	2 1/2-16 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	3.281 [83.34]	3.366 [85.50]	2.875 [73.02]	2.505 [63.63]	1.323 [33.60]	2 1/2-16 UN
44	2 3/4-16 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	3.656 [92.86]	3.741 [95.02]	3.125 [79.37]	2.755 [69.98]	1.448 [36.78]	2 3/4-16 UN
48	3-16 UN	.145 [3.68]	2.125 [53.97]	2.500 [63.50]	.970 [24.64]	3.906 [99.21]	3.991 [101.37]	3.375 [85.72]	3.005 [76.33]	1.573 [39.95]	3-16 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1D056

FIREWALL **MS3456K**
HIGH TEMPERATURE **MS3456L, U**
GENERAL PURPOSE **MS3456W**
STRAIGHT PLUG



MIL-C-5015
CRIMP REAR RELEASE
1D

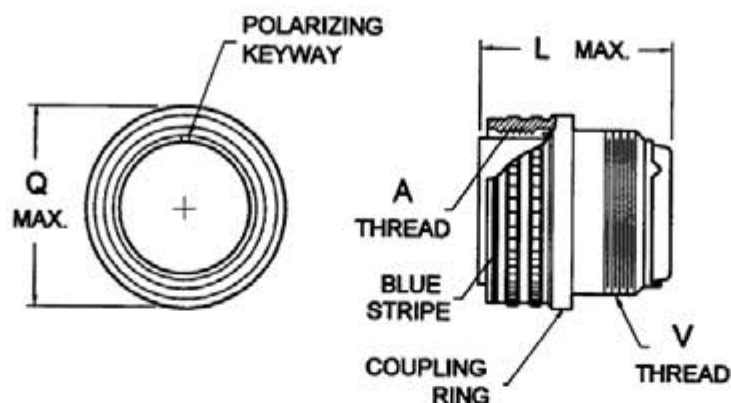
SHELL SIZE	A COUPLING THREAD CLASS 2B	ØQ MAX.	L MAX.		V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE		
			16 & 12	8,4 & 0	
8S	1/2-28 UNEF	.844 [21.44]	2.031 [51.59]	-	1/2-20 UNF
10S	5/8-24 UNEF	.989 [24.61]	2.031 [51.59]	-	5/8-24 UNEF
10SL	5/8-24 UNEF	.989 [24.61]	2.031 [51.59]	-	5/8-24 UNEF
12S	3/4-20 UNEF	1.062 [26.97]	2.031 [51.59]	-	3/4-20 UNEF
12	3/4-20 UNEF	1.062 [26.97]	2.125 [53.97]	-	3/4-20 UNEF
14S	7/8-20 UNEF	1.156 [29.36]	2.031 [51.59]	-	7/8-20 UNEF
14	7/8-20 UNEF	1.156 [29.36]	2.125 [53.97]	-	7/8-20 UNEF
16S	1-20 UNEF	1.250 [31.75]	2.031 [51.59]	-	1-20 UNEF
16	1-20 UNEF	1.250 [31.75]	2.125 [53.97]	2.500 [63.50]	1-20 UNEF
18	1 1/8-18 UNEF	1.344 [34.14]	2.125 [53.97]	2.500 [63.50]	1 1/16-18 UNEF
20	1 1/4-18 UNEF	1.469 [37.31]	2.125 [53.97]	2.500 [63.50]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	1.594 [40.49]	2.125 [53.97]	2.500 [63.50]	1 5/16-18 UNEF
24	1 1/2-18 UNEF	1.719 [43.66]	2.125 [53.97]	2.500 [63.50]	1 7/16-18 UNEF
28	1 3/4-18 UNS	1.969 [50.01]	2.125 [53.97]	2.500 [63.50]	1 3/4-18 UNS
32	2-18 UNS	2.219 [56.36]	2.125 [53.97]	2.500 [63.50]	2-18 UNS
36	2 1/4-18 UN	2.469 [62.71]	2.125 [53.97]	2.500 [63.50]	2 1/4-18 UN
40	2 1/2-18 UN	2.719 [69.06]	2.125 [53.97]	2.500 [63.50]	2 1/2-18 UN
44	2 3/4-18 UN	2.969 [75.41]	2.125 [53.97]	2.500 [63.50]	2 3/4-18 UN
48	3-18 UN	3.219 [81.76]	2.125 [53.97]	2.500 [63.50]	3-18 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1D057

MS3459K FIREWALL

MS3459L HIGH TEMPERATURE
SELF-LOCKING STRAIGHT PLUG



SHELL SIZE	A COUPLING THREAD CLASS 2B	øQ MAX.	L MAX.		V ACCESSORY THREAD CLASS 2A
			CONTACT SIZE		
			16 & 12	8, 4 & 0	
8S	1/2-28 UNEF	.963 [24.48]	2.031 [51.59]	-	1/2-20 UNF
10S	5/8-24 UNEF	1.088 [27.64]	2.031 [51.59]	-	5/8-24 UNEF
10SL	5/8-24 UNEF	1.088 [27.64]	2.031 [51.59]	-	5/8-24 UNEF
12S	3/4-20 UNEF	1.213 [30.81]	2.031 [51.59]	-	3/4-20 UNEF
12	3/4-20 UNEF	1.213 [30.81]	2.125 [53.97]	-	3/4-20 UNEF
14S	7/8-20 UNEF	1.358 [34.49]	2.031 [51.59]	-	7/8-20 UNEF
14	7/8-20 UNEF	1.358 [34.49]	2.125 [53.97]	-	7/8-20 UNEF
16S	1-20 UNEF	1.463 [37.16]	2.031 [51.59]	-	1-20 UNEF
16	1-20 UNEF	1.463 [37.16]	2.125 [53.97]	2.500 [63.50]	1-20 UNEF
18	1 1/8-18 UNEF	1.588 [40.34]	2.125 [53.97]	2.500 [63.50]	1 1/16-18 UNEF
20	1 1/4-18 UNEF	1.713 [43.51]	2.125 [53.97]	2.500 [63.50]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	1.788 [45.42]	2.125 [53.97]	2.500 [63.50]	1 5/16-18 UNEF
24	1 1/2-18 UNEF	1.963 [49.86]	2.125 [53.97]	2.500 [63.50]	1 7/16-18 UNEF
28	1 3/4-18 UNS	2.213 [56.21]	2.125 [53.97]	2.500 [63.50]	1 3/4-18 UNS
32	2-18 UNS	2.483 [62.56]	2.125 [53.97]	2.500 [63.50]	2-18 UNS
36	2 1/4-16 UN	2.713 [68.91]	2.125 [53.97]	2.500 [63.50]	2 1/4-16 UN
40	2 1/2-16 UN	2.963 [75.26]	2.125 [53.97]	2.500 [63.50]	2 1/2-16 UN

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

1D058

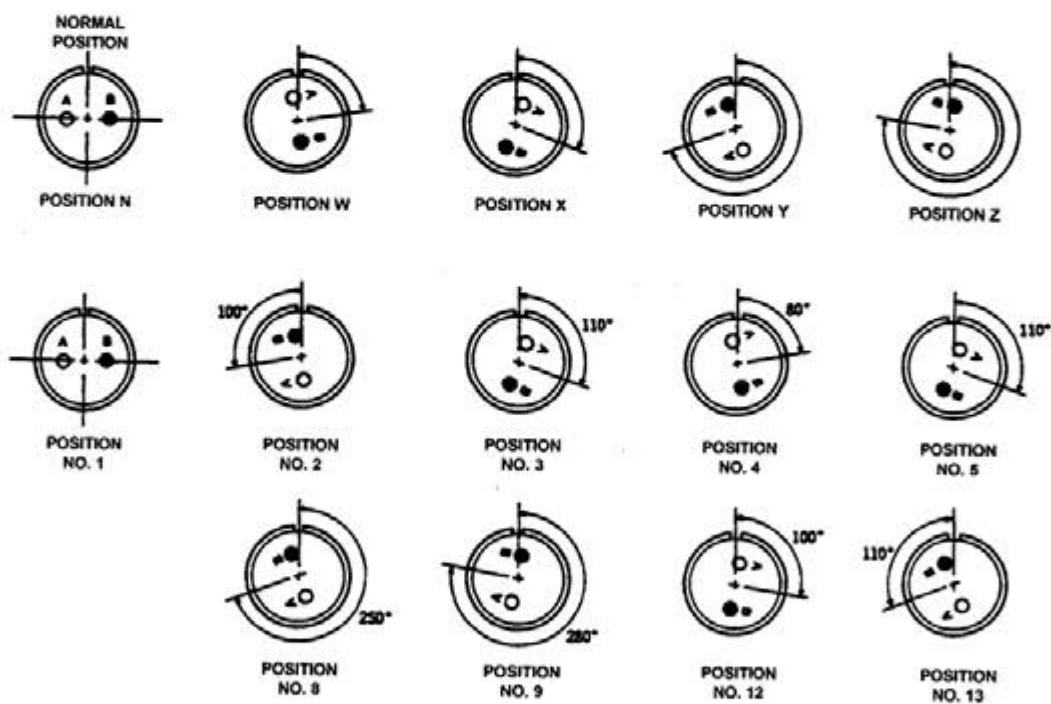
SECTION 1F

MIL-C-5015

INSERT CONFIGURATIONS

ALTERNATE POSITIONS (POLARIZATION)

FACE VIEW OF PIN INSERTS



MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE								W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
8S-1	M	1			1					-	-	-	-		
10S-2	M	1			1					-	-	-	-		
10SL-3	M,VG	3			3					-	-	-	-		
10SL-4	MI,VG	2			2					-	-	-	-		
10SLA4	C	5	5							-	-	-	-		
10SLA10	C	4			4					-	-	-	-		
10SL-51	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10SL-52	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10SL-53	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10SL-54	B,V	3			3					-	-	-	-	Thermocouple - see page 1F-24	
10SL-55	J,V	3			3					-	-	-	-	Thermocouple - see page 1F-24	
10SL-56	B,V	2			3					-	-	-	-	Thermocouple - see page 1F-24	
10SL-57	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10SL-58	B	3			3					-	-	-	-	Thermocouple - see page 1F-24	
10SL-59	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10SL-60	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10SL-61	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10SL-62	B	3			3					-	-	-	-	Thermocouple - see page 1F-24	
10SL-63	B	3			3					-	-	-	-	Thermocouple - see page 1F-24	
10SL-64	B	3			3					-	-	-	-	Thermocouple - see page 1F-24	
10SL-401	A	2			2					-	-	-	-	Thermocouple - see page 1F-24	
10S-656	A	1			1					-	-	-	-		
10SL-2001-4	C	5	5							-	-	-	-		
12S-1	MI	2			2					-	-	-	-	Position #12 of 12S-3	
12S-2	MI	2			2					-	-	-	-	Position #13 of 12S-3	
12S-3	M	2			2					70	145	215	290		
12S-4	M	1			1					-	-	-	-		
12-5	M	1				1				-	-	-	-		
12S-6	A	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12SA10	B,C,V	4			4					-	-	-	-		
12S-51	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-52	V	4			4					-	-	-	-		
12S-54	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-55	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-56	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-57	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-58	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-59	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-60	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-61	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-62	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-64	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-65	B	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-407	A	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12S-409	A	2			2					-	-	-	-	Thermocouple - see page 1F-24	
12SL-844	A	4			4					-	-	-	-		

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS							ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE							W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
12S-2002-10	C	4			4					-	-	-	-	
14S-1	MI	3			3					-	-	-	-	Same as 14S-7
14S-2	M	4			4					-	120	240	-	
14-3	M	1					1			-	-	-	-	
14S-4	MI	1			1					-	-	-	-	
14S-5	M	5			5					-	110	-	-	
14S-6	M	6			6					-	-	-	-	
14S-7	M	3			3					90	180	270	-	
14SA7	V	7			7					-	-	-	-	
14S-9	MI	2			2					70	145	215	290	
14S-10	MI	4			4					-	-	-	-	Position #12 of 14S-2
14S-11	MI	4			4					-	-	-	-	Position #13 of 14S-2
14S-12	MI	3			3					-	-	-	-	Position #12 of 14S-1
14S-13	MI	3			3					-	-	-	-	Position #2 of 14S-1
14S-14	MI	4			4					-	-	-	-	Position #12 of 14S-2
14S-51	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24
14S-52	B,V	4			4					-	-	-	-	Thermocouple - see page 1F-24
14S-53	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24
14S-54	B,V	6			6					-	-	-	-	Thermocouple - see page 1F-24
14S-55	B,V	4			4					-	-	-	-	Thermocouple - see page 1F-24
14S-56	B,V	4			4					-	-	-	-	Thermocouple - see page 1F-24
14S-57	B,V	4			4					-	-	-	-	Thermocouple - see page 1F-24
14S-58	B,V	3			3					-	-	-	-	Thermocouple - see page 1F-24
14-59	B	6			6					-	-	-	-	Thermocouple - see page 1F-24
14S-59	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24
14S-60	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-24
14S-61	B,V	6			6					-	-	-	-	Thermocouple - see page 1F-25
14S-63	B,V	6			6					-	-	-	-	Thermocouple - see page 1F-25
14S-64	B,V	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-65	B,V	6			6					-	-	-	-	Thermocouple - see page 1F-25
14S-67	B,V	6			6					-	-	-	-	Thermocouple - see page 1F-25
14S-68	B,V	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-69	B,V	3			3					-	-	-	-	Thermocouple - see page 1F-25
14S-70	B,V	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-71	B	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-72	B	2			2					-	-	-	-	Thermocouple - see page 1F-25
14S-73	B	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-74	B	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-75	B	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-76	B	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-77	B	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-77	V	6			6					-	-	-	-	Thermocouple - see page 1F-25
14S-78	B	2			2					-	-	-	-	Thermocouple - see page 1F-25
14S-78	V	4			4					-	-	-	-	Thermocouple - see page 1F-25
14S-79	B,V	5			5					-	-	-	-	Thermocouple - see page 1F-25
14S-80	B	2			2					-	-	-	-	Thermocouple - see page 1F-25

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE								W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
14S-80	V	3			3					-	-	-	-	Thermocouple - see page 1F-25	
14S-81	B	2			2					-	-	-	-	Thermocouple - see page 1F-25	
14S-82	B	4			4					-	-	-	-	Thermocouple - see page 1F-25	
14S-83	B	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-84	B	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-85	B	3			3					-	-	-	-	Thermocouple - see page 1F-25	
14S-86	B	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-87	B	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-88	B	2			2					-	-	-	-	Thermocouple - see page 1F-25	
14S-89	B	3			3					-	-	-	-	Thermocouple - see page 1F-25	
14S-90	B	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-91	B	4			4					-	-	-	-	Thermocouple - see page 1F-25	
14S-93	B	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-414	A	2			2					-	-	-	-	Thermocouple - see page 1F-25	
14S-415	A	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-419	A	4			4					-	-	-	-	Thermocouple - see page 1F-25	
14S-421	A	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-422	A	6			6					-	-	-	-	Thermocouple - see page 1F-25	
14S-423	A	6			6					-	-	-	-	Thermocouple - see page 1F-26	
14S-424	A	6			6					-	-	-	-	Thermocouple - see page 1F-26	
14S-433	A	4			4					-	-	-	-	Thermocouple - see page 1F-26	
14S-446	A	4			4					-	-	-	-	Thermocouple - see page 1F-26	
14S-2003-17	C	7		7						-	-	-	-		
16S-1	M,VG	7			7					80	-	-	280		
16S-2	M	1				1				-	-	-	-		
16S-3	M	1			1					-	-	-	-		
16S-4	M,VG	2			2					35	110	250	325		
16S-5	MI	3			3					70	145	215	290		
16S-6	MI	3			3					90	180	270	-		
16S-7	M	3			2		1			80	110	250	280		
16S-8	M	5			5					-	170	265	-		
16S-9	M	4			2	2				35	110	250	325		
16S-10	M,VG	3				3				90	180	270	-		
16A10	J,V	10		10						35	112	235	315		
16S-11	M	2				2				35	110	250	325		
16A11	VG	2				2				-	-	-	-		
16S-12	M,VG	1						1		-	-	-	-		
16S-13	M	2				2				35	110	250	325	Thermocouple - see page 1F-26	
16S-14	MI	3			3					-	-	-	-	Position #3 of 16S-5	
16S-15	MI	2			2					-	-	-	-	Position #12 of 16S-4	
16S-16	MI	2			2					-	-	-	-	Position #13 of 16S-4	
16S-17	MI	3			3					-	-	-	-		
16SA18	C	7			7					-	-	-	-		
16SA19	C	7			7					-	-	-	-		
16SA20	C	7			7					-	-	-	-		
16SA21	C	7			7					-	-	-	-		
16S-50	V	5			5					-	-	-	-	Thermocouple - see page 1F-26	

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE							W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
16S-51	V	7			7					-	-	-	-	Thermocouple - see page 1F-26
16-52	B,V	2				2				-	-	-	-	Thermocouple - see page 1F-26
16S-52	B,V	2			2					-	-	-	-	Thermocouple - see page 1F-26
16-53	B,V	4			2	2				-	-	-	-	Thermocouple - see page 1F-26
16S-54	B,V	7			7					-	-	-	-	Thermocouple - see page 1F-26
16-55	B,V	3				3				-	-	-	-	Thermocouple - see page 1F-26
16S-55	B	7			7					-	-	-	-	Thermocouple - see page 1F-26
16S-55	V	2			2					-	-	-	-	Thermocouple - see page 1F-26
16-56	B,V	2				2				-	-	-	-	Thermocouple - see page 1F-26
16S-56	B	7			7					-	-	-	-	Thermocouple - see page 1F-26
16-57	B,V	3				3				-	-	-	-	Thermocouple - see page 1F-26
16S-57	B	7			7					-	-	-	-	Thermocouple - see page 1F-26
16-58	B,V	3				3				-	-	-	-	Thermocouple - see page 1F-26
16S-58	B	7			7					-	-	-	-	Thermocouple - see page 1F-26
16-59	B	4				4				-	-	-	-	
16S-59	B	7			7					-	-	-	-	Thermocouple - see page 1F-26
16-60	B,V	2				2				-	-	-	-	Thermocouple - see page 1F-26
16S-60	B	7			7					-	-	-	-	Thermocouple - see page 1F-26
16S-61	B	7			7					-	-	-	-	Thermocouple - see page 1F-26
16-62	B	2				2				-	-	-	-	Thermocouple - see page 1F-26
16-67	B	2				2				-	-	-	-	Thermocouple - see page 1F-26
16-68	B	4			2	2				-	-	-	-	Thermocouple - see page 1F-26
16-412	A	2				2				-	-	-	-	Thermocouple - see page 1F-26
16-414	A	2				2				-	-	-	-	Thermocouple - see page 1F-26
16S-417	A	2			2					-	-	-	-	Thermocouple - see page 1F-26
16S-418	A	2			2					-	-	-	-	Thermocouple - see page 1F-26
16S-419	A	2			2					-	-	-	-	Thermocouple - see page 1F-26
16-848	A	2				2				-	-	-	-	Thermocouple - see page 1F-26
16S-2004-18	C	7			7					-	-	-	-	
16S-2004-19	C	7			7					-	-	-	-	
16S-2004-20	C	7			7					-	-	-	-	
16S-2004-21	C	7			7					-	-	-	-	
16S-2004-22	C	8			8					-	-	-	-	
18-1	M,VG	10			10					70	145	215	290	
18-3	MI	2				2				35	110	250	325	
18-4	M	4			4					35	110	250	325	
18-5	M	3			1	2				80	110	250	280	
18-6	M	1						1		-	-	-	-	
18-06	A,V	6			2	4				-	-	-	-	
18-7	M	1						1		-	-	-	-	
18-8	M	8			7	1				70	-	-	290	
18-9	M	7			5	2				80	110	270	280	
18-10	MI	4				4				-	120	240	-	
18-11	M,VG	5				5				-	170	265	-	
18-12	M	6			6					80	-	-	280	
18-13	M,VG	4				3	1			80	110	250	280	

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	TOTAL	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
			SIZE								W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
18-14	M	2			1			1		80	110	250	280		
18-15	M	4				4				-	120	240	-	Thermocouple - see page 1F-26	
18-16	M	1				1				-	-	-	-	All High Voltage Contacts	
18-17	MI	7			5	2				-	-	-	-	100 Deg Rotation To Right of 18-9	
18-18	MI	7			5	2				-	-	-	-	250 Deg Rotation To Right of 18-9	
18-19	MI	10			10					-	-	-	-		
18-20	MI	5			5					90	180	270	-		
18-21	MI	3				3				70	145	215	290		
18-22	MI	3			3					70	145	215	290		
18-23	MI	10			10					-	-	-	-	Position #12 of 18-1	
18-24	MI	10			10					-	-	-	-	Position #13 of 18-1	
18-25	MI	2				2				-	-	-	-	Position #12 of 18-3	
18-26	MI	2				2				-	-	-	-	Position #13 of 18-3	
18-27	MI	3			1	2				-	-	-	-	Position #12 of 18-5	
18-28	MI	3			1	2				90	180	270	-	Position #13 of 18-5	
18-29	MI	5			5					90	180	270	-		
18-30	MI	5			5					-	-	-	-	Position #3 of 18-20	
18-31	MI	5			5					-	-	-	-	Position #2 of 18-20	
18A31	C,S	10			10					-	-	-	-	Position #5 of 18-1	
18-41	S,V	4			4					-	-	-	-	Thermocouple - see page 1F-26	
18-42	S,V	4			4					-	-	-	-	Thermocouple - see page 1F-26	
18-43	S,V	4			4					-	-	-	-	Thermocouple - see page 1F-26	
18-44	S,V	3			3					-	-	-	-	Thermocouple - see page 1F-26	
18-45	S,V	5			5					-	-	-	-	Thermocouple - see page 1F-26	
18-46	S,V	4			4					-	-	-	-	Thermocouple - see page 1F-27	
18-51	B,S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-52	B,S,V	5				5				-	-	-	-	Thermocouple - see page 1F-27	
18-53	B,S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-54	B,S,V	4				4				-	-	-	-	Thermocouple - see page 1F-27	
18-56	B,S,V	10			10					-	-	-	-	Thermocouple - see page 1F-27	
18-57	B,S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-59	B,S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-60	B,S,V	5				5				-	-	-	-	Thermocouple - see page 1F-27	
18-61	B,S	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-61	V	1						1C		-	-	-	-		
18-62	B,S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-63	B,S,V	4				4				-	-	-	-	Thermocouple - see page 1F-27	
18-65	B,S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-66	B,S,V	10			10					-	-	-	-	Thermocouple - see page 1F-27	
18-67	B,S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-68	B,S,V	5				5				-	-	-	-	Thermocouple - see page 1F-27	
18-69	B,S,V	10			10					-	-	-	-	Thermocouple - see page 1F-27	
18-70	B,S,V	5				5				-	-	-	-	Thermocouple - see page 1F-27	
18-71	B	4				4				-	-	-	-	Thermocouple - see page 1F-27	
18-71	S,V	6			6					-	-	-	-	Thermocouple - see page 1F-27	
18-72	B,S	4				4				-	-	-	-	Thermocouple - see page 1F-27	

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE							W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
18-73	B	7			5	2				-	-	-	-	Thermocouple - see page 1F-27
18-74	B	6			6					-	-	-	-	Thermocouple - see page 1F-27
18-75	V	10			10					-	-	-	-	Thermocouple - see page 1F-27
18-76	B	10			10					-	-	-	-	Thermocouple - see page 1F-27
18-77	B	10			10					-	-	-	-	Thermocouple - see page 1F-27
18-78	B	10			10					-	-	-	-	Thermocouple - see page 1F-27
18-79	B	6			6					-	-	-	-	Thermocouple - see page 1F-27
18-80	B	4				4				-	-	-	-	Thermocouple - see page 1F-27
18-81	B	10			10					-	-	-	-	Thermocouple - see page 1F-27
18-82	B	10			10					-	-	-	-	Thermocouple - see page 1F-27
18-401	A	4				4				-	-	-	-	Thermocouple - see page 1F-27
18-402	A	4				4				-	-	-	-	Thermocouple - see page 1F-27
18-403	A	4				4				-	-	-	-	Thermocouple - see page 1F-28
18-404	A	2				2				-	-	-	-	Thermocouple - see page 1F-28
18-405	A	2				2				-	-	-	-	Thermocouple - see page 1F-28
18-411	A	4				4				-	-	-	-	Thermocouple - see page 1F-28
18-420	A	1				1				-	-	-	-	All High Voltage Contacts
18-422	A	2				2				-	-	-	-	Thermocouple - see page 1F-28
18-423	A	8			7	1				-	-	-	-	Thermocouple - see page 1F-28
18-426	A	10			10					-	-	-	-	Thermocouple - see page 1F-28
18-434	A	10			10					-	-	-	-	Thermocouple - see page 1F-28
18-435	A	10			10					-	-	-	-	Thermocouple - see page 1F-28
18-439	A	10			10					-	-	-	-	Thermocouple - see page 1F-28
18-443	A	6			6					-	-	-	-	Thermocouple - see page 1F-28
18-451	A	6			6					-	-	-	-	Thermocouple - see page 1F-28
18-452	A	4				4				-	-	-	-	Thermocouple - see page 1F-28
18-683	A	5			5					-	-	-	-	
18-2005-31	C	10			10					-	-	-	-	Position #5 of 18-1
18-2005-36	C	3				3				-	-	-	-	
20-1	MI	14			14					-	-	-	-	Same as 20-27
20-2	M,VG	1						1		-	-	-	-	
20-3	MI	3				3				70	145	215	290	
20-4	M	4				4				45	110	250	-	
20-5	MI	2			2					35	110	250	325	
20-6	MI	3			3					70	145	215	290	
20-7	M	8			8					80	110	250	280	
20A7	V	7		7						-	-	-	-	
20-8	M,VG	6			4		2			80	110	250	280	
20A8	V	8			6		2			35	110	250	325	
20-9	M	8			7	1				80	110	250	280	
20A9	C,V,VG	9				9				-	110	250	-	
20-10	MI	4			4					-	-	-	-	
20-11	MI	13			13					-	-	-	-	
20-12	MI	2			1			1		80	110	250	280	
20-13	MI	4			4					-	-	-	-	
20-14	M	5				3	2			80	110	250	280	
20-15	M,VG	7				7				80	-	-	280	

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE							W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
20-16	M	9			7	2				80	110	250	280	
20A16	C	13			13					-	-	-	-	Same as 20-11
20-17	M	6			1	5				90	180	270	-	
20-18	M	9			6	3				35	110	250	325	
20-19	MI	3					3			90	180	270	-	
20-20	MI	4				3		1		80	110	250	280	
20-21	M	9			8	1				35	110	250	325	
20-22	M	6			3		3			80	110	250	280	
20-23	MI	2					2			35	110	250	325	
20-24	MI	4			2		2			35	110	250	325	
20A24	V	24		22	2					-	-	-	-	
20-25	MI	13			13					-	-	-	-	Position #12 of 20-11
20-26	MI	3				3				-	-	-	-	
20-27	M	14			14					35	110	250	325	
20-29	M	17			17					80	-	-	280	
20-30	MI	13			13					-	-	-	-	Position #13 of 20-11
20-31	MI	11			11					-	-	-	-	
20-32	MI	8			8					-	-	-	-	Position #2 of 20-7
20-33	M	11			11					-	-	-	-	
20A48	A,C,J,V,VG	19			19					-	80	280	-	
20-50	S,V	17			17					-	-	-	-	Thermocouple - see page 1F-28
20-51	B	3					3			-	-	-	-	(Solderless)
20-52	B,V	4				4				-	-	-	-	Thermocouple - see page 1F-28
20-56	B,V	8			8					-	-	-	-	Thermocouple - see page 1F-28
20-57	B	7			7					-	-	-	-	(Solderless) for 14 or 16 AWG Wire
20-58	B	10			5	5				-	-	-	-	
20-59	B	3					3			-	-	-	-	(Solderless) for 10 or 12 AWG Wire
20-60	B,V	8			8					-	-	-	-	Thermocouple - see page 1F-28
20-61	B,V	17			17					-	-	-	-	Thermocouple - see page 1F-28
20-62	B,V	7				7				-	-	-	-	Thermocouple - see page 1F-28
20-64	B,V	14			14					-	-	-	-	Thermocouple - see page 1F-28
20-65	B,V	14			14					-	-	-	-	Thermocouple - see page 1F-28
20-66	B	6			1	5				-	-	-	-	#12 for 10 AWG Wire
20-67	B,V	9			7	2				-	-	-	-	Thermocouple - see page 1F-28
20-68	B,V	8			8					-	-	-	-	Thermocouple - see page 1F-28
20-69	B,V	14			14					-	-	-	-	Thermocouple - see page 1F-28
20-70	B,V	17			17					-	-	-	-	Thermocouple - see page 1F-28
20-71	B,V	17			17					-	-	-	-	Thermocouple - see page 1F-28
20-74	B,V	17			17					-	-	-	-	Thermocouple - see page 1F-28
20-75	B	7				7				-	-	-	-	Thermocouple - see page 1F-28
20-75	V	14			14					-	-	-	-	Thermocouple - see page 1F-28
20-76	V	17			17					-	-	-	-	Thermocouple - see page 1F-28
20-77	B	9			7	2				-	-	-	-	Thermocouple - see page 1F-28
20-77	V	9			9					-	-	-	-	Thermocouple - see page 1F-28
20-79	B	8			7	1				-	-	-	-	(Solderless) #12 for 16 AWG Wire
20-80	B	14			14					-	-	-	-	Thermocouple - see page 1F-28
20-81	B	14			14					-	-	-	-	Thermocouple - see page 1F-28

9307

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE								W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
20-82	B	17			17					-	-	-	-	Thermocouple - see page 1F-28	
20-83	V	14			14					-	-	-	-	Thermocouple - see page 1F-28	
20-85	B	11			11					-	-	-	-	Thermocouple - see page 1F-28	
20-86	B	3					3			-	-	-	-	Coaxial Contacts	
20-87	B	17			17					-	-	-	-	Thermocouple - see page 1F-29	
20-88	B	14			14					-	-	-	-	Thermocouple - see page 1F-29	
20-89	B	14			14					-	-	-	-	Thermocouple - see page 1F-29	
20-90	B	14			14					-	-	-	-	Thermocouple - see page 1F-29	
20-91	B	14			14					-	-	-	-	Thermocouple - see page 1F-29	
20-92	B	8			8					-	-	-	-	Thermocouple - see page 1F-29	
20-93	B	14			14					-	-	-	-	Thermocouple - see page 1F-29	
20-94	B	7					7			-	-	-	-	Thermocouple - see page 1F-29	
20-99	B	11			11					-	-	-	-	Thermocouple - see page 1F-29	
20-408	A	8			8					-	-	-	-	Thermocouple - see page 1F-29	
20-409	A	8			8					-	-	-	-	Thermocouple - see page 1F-29	
20-410	A	4					4			-	-	-	-	Thermocouple - see page 1F-29	
20-412	A	14			14					-	-	-	-	Thermocouple - see page 1F-29	
20-413	A	14			14					-	-	-	-	Thermocouple - see page 1F-29	
20-629	A	4			4					-	-	-	-	Same as 20-10	
20-854	A	2					2			-	-	-	-		
20-2006-16	C	13			13					-	-	-	-	182 Deg Rotation to Right of 20A16	
20-2006-37	C	4					4			-	-	-	-	Position #8 of 20-4	
20-2006-41	C	4					4			-	-	-	-		
22-1	MI	2					2			35	110	250	325		
22-2	M	3					3			70	145	215	290		
22-3	MI	2			1			1		80	110	250	280		
22-4	MI	4				2	2			35	110	250	325		
22-5	M	6			4	2				35	110	250	325		
22-6	MI	3			1		2			80	110	250	280		
22-7	M	1						1		-	-	-	-		
22-8	MI	2				2				35	110	250	325		
22-9	M	3				3				70	145	215	290		
22A9	V	9			9					60	135	250	305		
22-10	M	4			4					35	110	250	325		
22A10	J,V	10			10					-	120	240	-		
22-11	M	2			2					35	110	250	325		
22-12	M,VG	5			3		2			80	110	250	280		
22-13	MI	5			1	4				35	110	250	325		
22-14	M,VG	19			19					80	110	250	280		
22-15	M	6			1	5				80	110	250	280		
22-16	MI	9			6	3				80	110	250	280		
22-17	M	9			8	1				80	110	250	280		
22-18	M	8			8					80	110	250	280		
22-19	M	14			14					80	110	250	280		
22-20	MI	9			9					35	110	250	325		
22-21	M	3			2			1		80	110	250	280		
22-22	M	4					4			-	110	250	-		
22B22	VG	4					4			-	110	250	-		

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE							W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
22-23	M	8				8				35	-	250	-	
22-24	MI	6				4	2			80	110	250	280	
22-25	MI	3				2			1	80	110	250	280	
22-26	MI	7				5	2			-	-	-	-	
22-27	M,VG	9				8		1		80	-	250	280	
22-28	MI	7					7			80	-	-	280	
22-29	MI	7				6			1	80	110	250	280	
22-30	MI	19				19				-	-	-	-	Position #12 of 22-14
22-31	MI	2				2				-	-	-	-	Position #12 of 22-11
22-32	MI	6				4	2			-	-	-	-	Position #2 of 22-5
22-33	MI	7				7				80	110	250	280	
22-34	MI	5				2	3			80	110	250	280	
22-35	MI	3						3		-	-	-	-	
22-36	M	8					8			90	-	270	-	Thermocouple - see page 1F-29
22A37	V,S	37		37						80	112	250	280	
22-57	B,V	19				19				-	-	-	-	Thermocouple - see page 1F-29
22-60	B,V	19				19				-	-	-	-	Thermocouple - see page 1F-29
22-62	B,V	8					8			-	-	-	-	Thermocouple - see page 1F-29
22-63	B	12				8	4			-	-	-	-	
22-65	B	8					8			-	-	-	-	(Solderless) for 14 or 16 AWG Wire
22-68	B,V	14				14				-	-	-	-	Thermocouple - see page 1F-29
22-69	B,V	14				14				-	-	-	-	Thermocouple - see page 1F-29
22-70	B	13				5	8			-	-	-	-	
22-71	B,V	19				19				-	-	-	-	Thermocouple - see page 1F-29
22-72	B,V	6				4	2			-	-	-	-	Thermocouple - see page 1F-29
22-73	B,V	6				4	2			-	-	-	-	Thermocouple - see page 1F-29
22-74	B,V	8					8			-	-	-	-	Thermocouple - see page 1F-29
22-75	B,V	8					8			-	-	-	-	Thermocouple - see page 1F-29
22-76	B	21				21				-	-	-	-	Thermocouple - see page 1F-29
22-77	B,V	14				14				-	-	-	-	Thermocouple - see page 1F-29
22-78	B,V	19				19				-	-	-	-	Thermocouple - see page 1F-29
22-79	B,V	4				4				-	-	-	-	Thermocouple - see page 1F-29
22-80	B	3						3		-	-	-	-	(Solderless) for 10 or 12 AWG Wire
22-81	V	5				2	3			-	-	-	-	Thermocouple - see page 1F-30
22-82	B	19				19				-	-	-	-	Thermocouple - see page 1F-30
22-83	B	8				8				-	-	-	-	Thermocouple - see page 1F-30
22-84	B	19				19				-	-	-	-	Thermocouple - see page 1F-30
22-85	B	14				14				-	-	-	-	Thermocouple - see page 1F-30
22-85	S,V	6				4	2			-	-	-	-	Thermocouple - see page 1F-30
22-89	B	7					7			-	-	-	-	Thermocouple - see page 1F-30
22-404	A	8					8			-	-	-	-	Thermocouple - see page 1F-30
22-405	A	8					8			-	-	-	-	Thermocouple - see page 1F-30
22-406	A	8					8			-	-	-	-	Thermocouple - see page 1F-30
22-407	A	8					8			-	-	-	-	Thermocouple - see page 1F-30
22-412	A	8					8			-	-	-	-	Thermocouple - see page 1F-30
22-414	A	8					8			-	-	-	-	Thermocouple - see page 1F-30
22-415	A	8					8			-	-	-	-	Thermocouple - see page 1F-30

9009

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE								W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
22-416	A	8				8				-	-	-	-	Thermocouple - see page 1F-30	
22-422	A	8			8					-	-	-	-	Thermocouple - see page 1F-30	
22-431	A	14			14					-	-	-	-	Thermocouple - see page 1F-30	
22-570	A	9			9					-	-	-	-		
22-871	A	6			4	2				-	-	-	-		
22-2007-42	C	20			20					-	-	-	-		
24-1	MI	2			1				1	80	110	250	280		
24A1	J,V	1							1	-	-	-	-		
24-2	M	7				7				80	-	-	280		
24A2P	V	2			2					35	110	250	325	High Voltage Contacts	
24-3	MI	7			5	2				80	110	250	280		
24-4	M	4			3				1	80	110	250	280		
24-5	MI	16			16					80	110	250	280		
24-6	M	8				8				-	110	250	280		
24-06	A,V	6			2		4			40	-	-	-		
24A6	A	6				4	2			42	134	262	339		
24-7	M	16			14	2				80	110	250	280		
24-07	A	7			7					-	-	-	-		
24A7	V	7				7				80	-	-	280		
24A8	V	8			8					-	-	-	-	All High Voltage Contacts	
24-9	MI	2						2		35	110	250	325		
24-10	M,VG	7					7			80	-	-	280		
24-11	M,VG	9				6	3			35	110	250	325		
24A11	V	11			9		2			35	110	250	325		
24-12	M,VG	5				3		2		80	110	250	280		
24-013	A,V	13			7	6				-	-	-	-		
24-14	MI	3				2			1	80	110	250	280		
24-15	MI	16			16					-	-	-	-	Position #12 of 24-5	
24-16	M	7			3	3	1			80	110	250	280		
24A16	V	16			15		1			-	-	-	-		
24-17	MI	5			3	2				80	110	250	280		
24-18	MI	4			4					-	-	-	-	Shorting Type	
24-19	MI	12			12					-	-	-	-		
24-20	M	11			9	2				80	110	250	280		
24-21	M	10			9		1			80	110	250	280		
24-22	M	4					4			45	110	250	-		
24-23	MI	5			2		3			80	110	250	280		
24-24	MI	16			16					-	-	-	-	Position #13 of 24-5	
24A24	C	12				12				-	-	-	-		
24-25	MI	8				8				-	-	-	-	Position #12 of 24-6	
24A25	J,V	25			25					80	110	250	280		
24-26	MI	8				8				-	-	-	-	Position #13 of 24-6	
24-27	M	7			7					80	-	-	280		
24-28	M	24			24					80	110	250	280		
24A28	J,V	28			28					65	146	235	-		
24A35	C,VG	16				14	2			-	-	-	-	Position #12 of 24-7	
24A40	C	16			14	2				-	-	-	-		

MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE											
			# 20	# 18	# 16	# 12	# 8	# 4	# 0	W	X	Y	Z	
24A42	C	14			8	5	1			-	-	-	-	
24A49	C	7								-	-	-	-	All Coaxial Microdot 93-3913
24-51	B	5					5			-	-	-	-	(Solderless) B & E for 10 or 12 AWG Wire
24A51	C	19			13	5	1			-	-	-	-	
24-52	B	1				1				-	-	-	-	All High Voltage Contacts
24-53	B	5					5			-	-	-	-	(Solderless)
24A53	C	9			5		4			-	-	-	-	
24A55	V	55	55							-	-	-	-	
24-56	B,S,V	11			9	2				-	-	-	-	Thermocouple - see page 1F-30
24-57	B,S,V	24			24					-	-	-	-	Thermocouple - see page 1F-30
24-58	B,S	13			7	3	3			-	-	-	-	
24-59	B,S	14			7	7				-	-	-	-	
24-60	B	7					7			-	-	-	-	(Solderless) for 10 or 12 AWG Wire
24-62	B,S,V	24			24					-	-	-	-	Thermocouple - see page 1F-30
24-63	B,S,V	24			24					-	-	-	-	Thermocouple - see page 1F-30
24-64	B,S,V	16			16					-	-	-	-	Thermocouple - see page 1F-30
24-65	B,S	15			4	11				-	-	-	-	
24-66	B,S	7				7				-	-	-	-	
24-67	B,S	19				19				80	-	-	335	
24-68	B,S,V	24			24					-	-	-	-	Thermocouple - see page 1F-30
24-69	B,S,V	12			12					-	-	-	-	Thermocouple - see page 1F-30
24-70	S,V	24			24					-	-	-	-	Thermocouple - see page 1F-30
24-71	B	7					7			-	-	-	-	(Solderless) 5 Only for 10 or 12 AWG Wire
24-75	B	7					7			-	-	-	-	(Solderless) 2 Only for 16 AWG Wire
24-79	B,S	5					5			-	-	-	-	
24-80	M	23			23					35	145	240	300	
24-81	B,S	16			14	2				-	-	-	-	Thermocouple - see page 1F-30
24-84	B	19				19				-	-	-	-	18 Coaxial for RG188/U RG174/U +1 Power
24-85	B	7					7			-	-	-	-	Coaxial
24-88	B,S	24			24					-	-	-	-	Thermocouple - see page 1F-30
24-91	B,S	16			16					-	-	-	-	Thermocouple - see page 1F-30
24-401	A,S	8				8				-	-	-	-	Thermocouple - see page 1F-30
24-402	A,S	8				8				-	-	-	-	Thermocouple - see page 1F-30
24-406	A,S	8				8				-	-	-	-	Thermocouple - see page 1F-30
24-409	A,S	12			12					-	-	-	-	Thermocouple - see page 1F-30
24-412	A,S	12			12					-	-	-	-	Thermocouple - see page 1F-31
24-414	A,S	24			24					-	-	-	-	Thermocouple - see page 1F-31
24-415	A,S	24			24					-	-	-	-	Thermocouple - see page 1F-31
24-417	A,S	16			16					-	-	-	-	Thermocouple - see page 1F-31
24-418	A,S	12			12					-	-	-	-	Thermocouple - see page 1F-31
24-422	A,S	24			24					-	-	-	-	Thermocouple - see page 1F-31
24-423	A,S	16			16					-	-	-	-	Thermocouple - see page 1F-31
24-430	A,S	24			24					-	-	-	-	Thermocouple - see page 1F-31
24-431	A,S	24			24					-	-	-	-	Thermocouple - see page 1F-31
24-620	A	5			3	2				-	-	-	-	
24-621	S,V	24			24					-	-	-	-	Thermocouple - see page 1F-31

9311

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE							W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
24-622	V	24			24					-	-	-	-	Thermocouple - see page 1F-31
24-684	A	12			12					-	-	-	-	
24-710	A	4			4					-	-	-	-	
24-835	A	1				1				-	-	-	-	All High Voltage Contacts
24-865	A	6			6					-	-	-	-	Two Shorting Contacts
24-2008-5	C	4			1	2			1	-	-	-	-	
24-2008-7	C	4				4				-	-	-	-	
24-2008-24	C	12				12				-	-	-	-	Same as 24A24
24-2008-35	C	16			14	2				-	-	-	-	Position #12 of 24-7 Same as 24A35
24-2008-40	C	16			14	2				-	-	-	-	Same as 24A40
24-2008-42	C	14			8	5	1			-	-	-	-	Same as 24A42
24-2008-47	C	16			12	4				-	-	-	-	
28-1	M	9				6	3			80	110	250	280	
28-2	M	14			12	2				35	110	250	325	
28-3	M	3					3			70	145	215	290	
28P3	V	3					3			70	145	215	290	
28-4	M	9			7	2				80	110	250	280	
28-5	M	5			2	1		2		35	110	250	325	
28-6	MI	3						3		70	145	215	290	
28A6	V	6			1		4	1		-	-	-	-	
28-7	MI	2						2		35	110	250	325	
28A7	V	7			4			2		60	166	270	320	+1 #4M
28-8	M	12			10	2				80	110	250	280	
28-9	M	12			6	6				80	110	250	280	
28A9	J,V	9			5			4		110	250	260	280	
28-10	M	7				3	2	2		80	110	250	280	
28A10	J,V	10			10					80	135	195	-	
28-11	M,VG	22			18	4				80	110	250	280	
28-12	M	26			26					90	180	270	-	
28-13	MI	26			26					-	-	-	-	Position #12 of 28-12
28-14	MI	11			11					80	110	250	280	
28-15	M	35			35					80	110	250	280	
28-16	MI	20			20					80	110	250	280	
28A16	C	9			5			4		-	-	-	-	
28-17	M	15			15					80	110	250	280	
28-18	M	12			12					70	145	215	290	
28-19	M	10			6	4				80	110	250	280	
28-20	M,VG	14			4	10				80	110	250	280	
28-21	M,VG	37			37					80	110	250	280	
28-22	M	6			3			3		70	145	215	290	
28-23	M	24			21		3S			-	-	-	-	
28-24	M	24			21		3S			-	-	-	-	
28A29	V	29			27		2			-	-	-	-	
28A35	V	35			35					80	110	250	280	
28B35	V	35			35					80	110	250	280	
28A45	C	17			17					-	-	-	-	

MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE								W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
28-50	B	24			21		3C			-	-	-	-		
28-51	B,V	12				12				80	135	195	-		
28A51	C	43			43					-	-	-	-		
28-53	B,V	22			18	4				-	-	-	-	Thermocouple - see page 1F-31	
28-58	B,V	14			4	10				-	-	-	-	Thermocouple - see page 1F-31	
28-59	B,V	17			10	7				-	-	-	-		
28-61	B,V	37			37					-	-	-	-	Thermocouple - see page 1F-31	
28-63	B,V	14			4	10				-	-	-	-	Thermocouple - see page 1F-31	
28A63	C,J,V,VG	28			19	9				-	100	250	-		
28-64	B,V	35			35					-	-	-	-	Thermocouple - see page 1F-31	
28A64	C	6					4	2		-	-	-	-		
28-65	B,V	26			26					-	-	-	-	Thermocouple - see page 1F-31	
28-66	B	16				14	2			-	-	-	-		
28-67	B,V	20			20					-	-	-	-	Thermocouple - see page 1F-31	
28-68	B,V	35			35					-	-	-	-	Thermocouple - see page 1F-31	
28-69	B,V	22			18	4				-	-	-	-	Thermocouple - see page 1F-31	
28-70	B,V	22			18	4				-	-	-	-	Thermocouple - see page 1F-31	
28-72	B	3								72	144	216	288	3 Coaxial for RG59A/U, RG62A/U	
28-72	V	72	72							-	-	-	-		
28-74	B	16			9		7			-	-	-	-	(Solderless) 3 #8 for 10 AWG Wire	
28-75	B	16			9		7			-	-	-	-	(Solderless) #8 for 10 AWG Wire	
28-77	B	22			18	4				-	-	-	-	Thermocouple - see page 1F-31	
28-77	V	20			20					-	-	-	-	Thermocouple - see page 1F-31	
28-78	V	35			35					-	-	-	-	Thermocouple - see page 1F-31	
28-79	B	16			9		7			-	-	-	-		
28-81	B	37			37					-	-	-	-	Thermocouple - see page 1F-31	
28-82	B	6					4	2		-	-	-	-		
28-82	V	35				35				-	-	-	-	Thermocouple - see page 1F-31	
28-84	B	9						9		-	-	-	-		
28-85	B	22				18	4			-	-	-	-	Thermocouple - see page 1F-31	
28-91	B	12				6	6			-	-	-	-	Thermocouple - see page 1F-31	
28-94	B	26				26				-	-	-	-	Thermocouple - see page 1F-32	
28-98	B	37				37				-	-	-	-	Thermocouple - see page 1F-32	
28-99	B	26				26				-	-	-	-	Thermocouple - see page 1F-32	
28-201	V	14			4	10				-	-	-	-	Thermocouple - see page 1F-32	
28-410	A	4			3	1				-	-	-	-	#12 High Voltage Contact	
28-413	A	26			26					-	-	-	-	Thermocouple - see page 1F-32	
28-414	A	26			26					-	-	-	-	Thermocouple - see page 1F-32	
28-425	A	19			12	6				-	-	-	-	+1 #16 High Voltage	
28-693	A	20			20					-	-	-	-		
28-702	A	10			5	4				-	-	-	-	+1 #16 High Voltage	
28-745	A	14			4	10				-	-	-	-		
28-766	A	10			2	6	2			-	-	-	-		
28-767	A	12			7	5				-	-	-	-		
28-833	A	7			5		2			-	-	-	-		
28-840	A	4					2	2		-	-	-	-		

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	TOTAL	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
			SIZE								W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
28-880	A	3								-	-	-	-	Coaxial Contacts	
28-2009-5	C	3			1			2		-	-	-	-		
28-2009-15	C	6			3	1	1		1	-	-	-	-		
28-2009-16	C	9			5			4		-	-	-	-		
28-2009-32	C	7			3		4			-	-	-	-		
28-2009-33	C	1			1					-	-	-	-	All High Voltage Contacts	
28-2009-37	C	7			7					-	-	-	-		
28-2009-38	C	8			4			4		-	-	-	-		
28-2009-43	C	3								-	-	-	-	RG62/U Coaxial Contacts	
28-2009-44	C	41	18		21	2				-	-	-	-		
28-2009-45	C	17			17					-	-	-	-		
28-2009-51	C	43			43					-	-	-	-	All High Voltage Contacts	
28-2009-53	C	9			9					-	-	-	-		
28-2009-55	C	29			29					-	-	-	-		
28-2009-56	C	64			64					-	-	-	-		
28-AB	B	24			21		3C			-	-	-	-		
28-AC	B	20			20					-	-	-	-	Thermocouple - see page 1F-32	
28-AD	B	37			37					-	-	-	-	Thermocouple - see page 1F-32	
28-AE	B	37			37					-	-	-	-	Thermocouple - see page 1F-32	
28-AF	B	12			12					-	-	-	-	Thermocouple - see page 1F-32	
28-AG	B	26			26					-	-	-	-	Thermocouple - see page 1F-32	
28-AK	B	37			37					-	-	-	-	Thermocouple - see page 1F-32	
32-1	M,VG	5				3			2	80	110	250	280		
32A1	J,V	1								-	-	-	-	1 #4/0 Contact	
32-2	M	5			2			3		70	145	215	290		
32A2	V	2			1					-	-	-	-	+1 #4/0 Contact	
32-3	M,VG	9			4	2		2	1	80	110	250	280		
32A3	S	3						3		80	110	250	280		
32-4	MI	14			12	2				80	110	250	280		
32-5	MI	2							2	35	110	250	325		
32A5	J,V	5						5		90	180	-	-		
32-6	M,VG	23			16	2	3	2		80	110	250	280		
32-7	M,VG	35			28	7				80	125	235	280		
32-8	MI	30			24	6				80	110	250	280		
32A8	J,V	8						8		35	122	-	315		
32-9	M	14			12			2		80	110	250	280		
32-10	MI	7			3		2	2		80	110	250	280		
32A10	C	54			54					80	110	250	280		
32-12	MI	15			10	5				80	110	250	280		
32-13	M	23			18	5				80	110	250	280		
32-013	A	13			13					65	130	230	295		
32A13	B,J,V	13				13				65	130	230	295		
32-14	MI	7				5		2		35	110	250	325		
32A14	V	14			14					35	90	-	-	High Voltage Contacts	
32-15	M	8				6			2	35	110	250	280		
32-16	MI	23			16	2	3	2		-	-	-	-	Position #12 of 32-6	
32-17	M	4						4		45	110	250	-		

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1F INSERT CONFIGURATIONS

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INSERT CONFIGURATIONS BY SHELL SIZE

OINERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE								W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
32-18	MI	14			12	2				-	-	-	-	Position #12 of 32-4	
32-19	MI	5				3			2	-	-	-	-	Position #2 of 32-1	
32-20	MI,VG	23			16	2	3	2		-	-	-	-	Position #2 of 32-6	
32-22	M,VG	54			54					80	110	250	280		
32A22	V	22			20				2	55	135	230	295		
32B22	V	22			20			2		35	110	250	325		
32A25	V	25				25				60	120	-	-		
32A27	S,V	27			17	10				30	115	285	335		
32A30	S,V	30			20	10			2	-	-	-	-		
32A30	C	5				3			2	-	-	-	-	Position # 12 of 32-1	
32-31	A,V,S	31			31					-	-	-	-		
32A40	V	40			40					35	130	-	-		
32A43	C	6				3		3		-	-	-	-		
32A46	C	50			48	2				-	-	-	-		
32A47	C	47			47					-	-	-	-		
32A48	J,V	48			48					80	-	-	-		
32-50	V	30			24	6				-	-	-	-	Thermocouple - see page 1F-32	
32-51	B,V	30			24	6				-	-	-	-		
32-52	B	8				6			2	-	-	-	-	90 Deg Rotation of 32-15	
32-53	B	42			37	5				-	-	-	-		
32-55	B,V	30			24	6				-	-	-	-	Thermocouple - see page 1F-32	
32A55	J,V	55			55					80	110	250	280		
32-56	B	30			24	6				-	-	-	-	#12 for 10 AWG Wire	
32-57	B	8				6			2C	-	-	-	-	#0 RG71/U Coaxial Contact	
32-58	B	4						4		-	-	-	-	Coaxial for RG161/U or RG179/U	
32-59	B,J,V	42			40		2			36	108	252	324		
32-60	B	23			15		8C			-	-	-	-	#8 RG124/U Coaxial Contacts	
32A60	C	66	59		7					-	-	-	-		
32-62	B	23			16	2	3	2		-	-	-	-	#8 (2 Only) RG124/U Coaxial Contacts	
32-63	M	5						5		-	-	-	-		
32-64	B	54			54					-	-	-	-		
32A65	C	34			28	4				-	-	-	-	+2 Coaxial	
32-68	B,J,P,V	16			12			4C		35	135	225	275	#4 RG58C/U Coaxial Contacts	
32A68	C	37			37					-	-	-	-		
32A69	C,V,VG	61	41		20					-	110	250	-		
32-73	M	46			46					36	-	-	-		
32-75	B	9				2	7C			-	-	-	-	#8 RG180B/U Coaxial Contacts	
32-76	B	19				19				80	110	250	280		
32-79	B	5					1	4		-	-	-	-		
32-85	B	23			16	2	3	2		-	-	-	-	#8 Coaxial Contacts	
32-87	B	9				2	7			-	-	-	-	#8 Coaxial Contacts	
32-88	S	54			54					-	-	-	-		
32-91	B	54			54					-	-	-	-	Thermocouple - see page 1F-32	
32-101	M	12			10					65	125	225	310	+2 Coaxial Contacts	
32-101	V	101	101							30	142	-	-		
32-102	M	14			13					65	125	225	310	+1 Coaxial Contact	
32A401	V	40			40					-	-	-	-	Thermocouple - see page 1F-32	

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS	
		TOTAL	SIZE								W	X	Y		Z
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
32-408	A	30			24	6				-	-	-	-	Thermocouple - see page 1f-32	
32-409	A	48			48					-	-	-	-		
32-414	A	52			52					-	-	-	-		
32-416	A	14			13					-	-	-	-	+1 Coaxial Contact	
32-417	A	12			10					-	-	-	-	+2 Coaxial Contacts	
32-421	A	12			10					-	-	-	-	+2 Coaxial Contacts	
32-422	A	12			10					-	-	-	-	+2 Coaxial Contacts	
32-428	A	14			13					-	-	-	-	+1 Coaxial Contact	
32-429	A	12			10					-	-	-	-	+2 Coaxial Contacts	
32-722	A	7			3		2	2		-	-	-	-		
32-810	A	12			10					-	-	-	-	+2 Coaxial Contacts	
32-811	A	14			13					-	-	-	-	+1 Coaxial Contact	
32-2010-10	C	54			54					80	110	250	280		
32-2010-11	C	15			13	1			1	-	-	-	-		
32-2010-29	C	23			16	2	3	2		-	-	-	-	Position #13 of 32-6	
32-2010-30	C	5				3			2	-	-	-	-	Position #12 of 32-1	
32-2010-43	C	6				3		3		-	-	-	-		
32-2010-46	C	50			48	2				-	-	-	-		
32-2010-47	C	47			47					-	-	-	-		
32-2010-60	C	66	59		7					-	-	-	-		
36-1	MI	22			18	4				80	110	250	280		
36A1	J,V	1								-	-	-	-	#4/0 Contact	
36-2	MI	5				2			3	-	-	-	-		
36A2	J,V	2							2	35	110	250	325		
36-3	M	6				3			3	70	145	215	290		
36-4	MI	3							3	70	145	215	290		
36-5	M,VG	4							4	-	120	240	-		
36-6	M,VG	6						4	2	35	110	250	325		
36B6	V	6			2	1	3			-	-	-	-		
36-7	M	47			40	7				80	110	250	280		
36-8	M	47			46	1				80	125	235	280		
36-9	M	31			14	14	2	1		80	125	235	280		
36-10	M,VG	48			48					80	125	235	280		
36A10	J,V	10					8	2		45	110	250	315		
36B10	J,V	10					8	2		-	-	-	-		
36-11	MI	48			48					-	-	-	-	Position #12 of 36-10	
36-12	MI	48			48					-	-	-	-	Position #13 of 36-10	
36A12	J,V	12					10	2		-	-	-	-		
36A12	C	20			18				2	-	-	-	-		
36-13	MI	17			15	2				80	110	250	280		
36-14	MI	16			6	5	5			90	180	270	-		
36-15	M	35			35					60	125	245	305		
36-16	MI	47			40	7				-	-	-	-	Position #12 of 36-7	
36A16	C	18				18				-	-	-	-		
36-17	MI	47			40	7				-	-	-	-	Position #13 of 36-7	
36-18	MI	31			14	14	2	1		-	-	-	-	Position #12 of 36-9	

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	TOTAL	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
			SIZE								W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
36-19	MI	17			10	5		1	1	80	110	250	280		
36-20	MI	34			30	2	2			-	-	-	-		
36-21	MI	31			14	14	2	1		-	-	-	-	Position #2 of 36-9	
36-22	A	22				22				80	110	250	280		
36A22	J,V	22				22				80	110	250	280		
36A34	C	52			52					-	-	-	-		
36-35	S	36			32		4			-	-	-	-		
36A35	C	8			4			4		-	-	-	-		
36A41	C	8				4			4	-	-	-	-		
36A46	C	27				27				-	-	-	-		
36-47	A	47				46	1			-	-	-	-		
36A47	C	3							3	-	-	-	-		
36A48	J,V	48			48					65	-	-	-		
36A50	C	7					3	4		-	-	-	-		
36-51	B	4						2	2	-	-	-	-		
36A51	V	6				1		2	3	45	135	225	315		
36-52	M	52			52					72	144	216	288		
36-53	B,J,P,V	47			40	7				-	-	-	-	Thermocouple - see page 1F-32	
36-54	B	39			31		8			-	-	-	-		
36-55	B	39			31		8			-	-	-	-	#8 for 6 AWG Wire	
36-56	B,V	48			48					-	-	-	-	Thermocouple - see page 1F-32	
36-57	B,V	47			46	1				-	-	-	-	Thermocouple - see page 1F-32	
36-58	B,V	35			35					-	-	-	-	Thermocouple - see page 1F-32	
36-59	B	53			50	3				-	-	-	-	#12 for 10 AWG Wire	
36-60	B	47			40	7				-	-	-	-	#12 for 10 AWG Wire	
36-61	B,V	35			35					-	-	-	-	Thermocouple - see page 1F-32	
36A61	V	6				4		2		-	-	-	-		
36B61	V	6								-	-	-	-		
36-62	B,V	48			48					-	-	-	-	Thermocouple - see page 1F-32	
36A63	C	20			18					-	-	-	-	+2 RG58/U Coaxial Contacts	
36-64	B	4							4C	-	-	-	-	Coaxial for RG11/U, RG12/U or RG13/U	
36-65	B	4							4C	-	-	-	-	Coaxial for RG59/U, RG62/U or RG71/U	
36A65	C	34			28	4				-	-	-	-	+2 Coaxial	
36-66	M	56			52	4				110	250	260	280		
36A66	C	56			52	4				110	250	260	280		
36A70	C	16			5			11		-	-	-	-		
36-71	B	53			50	3				-	-	-	-		
36A71	C	10			4	2				-	-	-	-	+4 RG71/U Coaxial Contacts	
36A72	J,V	72		52	16	4				-	110	-	-		
36-73	B	7						7C		-	-	-	-	RG62B/U Coaxial Contacts	
36-74	B	44			43		1C			-	-	-	-	#8 Coaxial for RG187/U For 14 AWG Wire	
36-75	B	48			48					-	-	-	-	For 14 AWG Wire	
36-76	B	47			47					-	-	-	-		
36-77	B	7						7		-	-	-	-		
36-78	B	14			2		12			-	-	-	-		
36B78	S,V	14			2		12			-	-	-	-		
36-79	B	20				20				-	-	-	-		

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE											
			# 20	# 18	# 16	# 12	# 8	# 4	# 0	W	X	Y	Z	
36-80	B	20				20				-	-	-	-	For 10 AWG Wire
36-82	B,S	52			52					-	-	-	-	Thermocouple - see page 1F-32
36-83	B	7							7C	-	-	-	-	RG58/U Coaxial Contacts
36A83	C	7								-	-	-	-	RG62/U Coaxial Contacts
36-85	B	35			35					-	-	-	-	For 12 AWG Wire
36-86	B,S	48			48					-	-	-	-	Thermocouple - see page 1F-33
36A86	C	7								-	-	-	-	RG180/U Coaxial Contacts
36-88	B,S	52			52					-	-	-	-	Thermocouple - see page 1F-33
36A89	C	7								-	-	-	-	RG58/U Coaxial Contacts
36A90	C	18			12		4		2	-	-	-	-	
36A91	C	34			30	2				-	-	-	-	+2 Microdot 93-3913 Coaxial
36A93	C	6				2		4		-	-	-	-	
36A95	C	65			65					-	-	-	-	
36A96	C	81	51		30					-	-	-	-	
36A98	C	39			31		8			-	-	-	-	
36-101	S,V	48			48					-	-	-	-	Thermocouple - see page 1F-33
36-102	S,V	48			48					-	-	-	-	Thermocouple - see page 1F-33
36-403	A	52			52					-	-	-	-	
36-404	A	52			52					-	-	-	-	
36-405	A	15				15				-	-	-	-	All High Voltage Contacts
36-406	A	37			16	18	2	1		-	-	-	-	
36-407	A	15			12	3				-	-	-	-	All High Voltage Contacts
36-411	A,S	22			18	4				-	-	-	-	Thermocouple - see page 1F-33
36-412	A,S	22			18	4				-	-	-	-	Thermocouple - see page 1F-33
36-414	A,S	48			48					-	-	-	-	Thermocouple - see page 1F-33
36-416	A,S	48			48					-	-	-	-	Thermocouple - see page 1F-33
36-417	A,S	48			48					-	-	-	-	Thermocouple - see page 1F-33
36-646	A	16			6	5	5			-	-	-	-	
36-648	A	17			15	2				-	-	-	-	
36-853	A	7			5	2				-	-	-	-	
36-2011-4	C	17			12	3		1	1	-	-	-	-	
36-2011-11	C	27			25	1			1	-	-	-	-	
36-2011-12	C	20			18				2	-	-	-	-	
36-2011-16	C	18				18				-	-	-	-	Thermocouple - consult manufacturer
36-2011-34	C	52			52					-	-	-	-	
36-2011-35	C	8			4			4		-	-	-	-	
36-2011-37	C	9				9				-	-	-	-	
36-2011-41	C	8				4			4	-	-	-	-	
36-2011-46	C	27				27				-	-	-	-	
36-2011-47	C	3							3	-	-	-	-	
36-2011-50	C	7					3	4		-	-	-	-	
36-2011-63	C	20			18					-	-	-	-	+2 RG58/U Coaxial Contacts
36-2011-65	C	34			28	4				-	-	-	-	+2 RG59/U Coaxial Contacts
36-2011-68	C	56			52	4				110	250	260	280	
36-2011-70	C	16			5			11		-	-	-	-	
36-2011-71	C	10			4	2				-	-	-	-	+4 RG71/U Coaxial Contacts

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1F INSERT CONFIGURATIONS

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INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE							W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
36-2011-77	C	12			12					-	-	-	-	All High Voltage Contacts
36-2011-79	C	56			52	4				-	-	-	-	
36-2011-83	C	7								-	-	-	-	RG62/U Coaxial Contacts
40-1	M	30			24	6				65	130	235	300	
40-2	M	23			23					80	110	250	280	+1 #4/0 Contac
40A2	J,V	2					1			-	-	-	-	
40-3	M	23			18	4		1		80	110	250	280	
40A3	V	5				2			3	70	145	215	290	
40-4	M	23			16	2	3	2		80	110	250	280	
40A4	J,V	6				2			4	50	120	240	325	
40B4	S	4							4					
40-5	M	15				6	4	2	3	80	110	250	280	
40A5	V	5							5	33	-	-	270	
40-6	M	26			24	1			1	80	110	250	280	
40-7	M	22			18	2			2	80	110	250	280	
40A8	V	8			4				4	35	110	250	325	
40-9	M	47			24	22	1			65	125	225	310	
40-10	M	29			16		9	4		65	125	225	310	
40A10	J,V	8			4			4		80	135	195	-	
40-11	M	25			18	4	1	1	1	80	110	250	280	
40-12	MI	29			22	6			1	-	-	-	-	Position #12 of 40-2
40-13	MI	23			23					-	-	-	-	
40-14	MI	32			21	10			1	-	-	-	-	
40A14	J,V	14				6		8		80	135	195	-	
40-15	M	60			57		3S			-	-	-	-	#8 Shielded
40-19	J,V	19				17		2		35	110	250	325	
40A19	J,V	19					17	2		35	110	250	325	
40B19	J,V	19					19			35	105	255	325	
40A20	V	20				18	2			80	110	250	280	
40A21	J,V	21				20		1		50	130	260	280	
40A25	V	25				24		1		50	130	260	280	
40-26	C	26				19	7			-	-	-	-	
40A27	V	27				25		2		45	110	250	315	
40S27	C	60			60					-	-	-	-	
40A28	C	4							4	-	-	-	-	
40A30	V	30				29		1		30	-	-	295	
40-31	C	31				31				-	-	-	-	
40A31	J,V	31				31				80	110	250	280	
40A31	C	52			48	3				-	-	-	-	+1 Coaxial
40A32	C	7								-	-	-	-	
40A33	C	13					7	6		-	-	-	-	RG71/U Coaxial Contacts
40A34	C	3								-	-	-	-	
40A35	V	35				35				70	130	230	290	RG63/U Coaxial Contacts
40B37	J,V	37				37				30	135	-	-	
40A38	J,V,S	38				38				37	74	285	322	
40A39	C	61			61					-	-	-	-	
40A40	C	5			1				4	-	-	-	-	

0015

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	TOTAL	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
			SIZE								W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0						
40A41	C	4								-	-	-	-	RG63B/U Coaxial Contacts	
40-47	C	47			24	22	1			65	125	225	310		
40A47	V	47			24	22	1			-	-	-	-		
40A51	C	31			16		15			-	-	-	-		
40-53	B	60			60					-	-	-	-		
40A53	C	163	163							-	-	-	-		
40-56	M	85			85					72	144	216	288		
40A56	S,C	85			85					-	-	-	-	Same as 40-56	
40-57	B	4							4	-	-	-	-		
40-58	B	85			85					-	-	-	-	Thermocouple - see page 1F-33	
40-58	V	31				31				-	-	-	-	Thermocouple - see page 1F-33	
40-59	B	85			85					-	-	-	-	Thermocouple - see page 1F-33	
40-60	A	6							6	-	-	-	-		
40A60	V	60			60					80	110	250	280		
40-61	B	59			5S	3	1			-	-	-	-		
40-62	M	60			60					30	130	220	290		
40A62	S,V	62			60		2			80	130	230	280		
40-63	B	61			61					-	-	-	-	For 14 AWG Wire	
40-64	B	36			20	3	13C			-	-	-	-	#8 RG124/U Coaxial Contacts	
40-66	B	4							4C	-	-	-	-	RG63B/U Coaxial Contacts	
40-67	B,S	11			1			10C		-	-	-	-	#4 RG59/U Coaxial Contacts	
40C67	C	11			1					-	-	-	-	+10 RG62/U Coaxial	
40-68	B	21					21			-	-	-	-		
40-70	B	61			61					-	-	-	-		
40-72	B	11			1			10C		-	-	-	-	#4 RG9B/U Coaxial Contacts	
40-73	B	61			61					-	-	-	-		
40C73	C	61			61					-	-	-	-		
40-74	B	6				1		1C	4C	-	-	-	-	#4 RG62/U Coaxial Contacts	
40C74	C	6				1				-	-	-	-	+4 RG214/U Coaxial +1 RG62/U Coaxial	
40-75	B	5				1			4	-	-	-	-		
40C75	C	5				1			4	-	-	-	-		
40-77	B	60			60					-	-	-	-	Thermocouple - see page 1F-33	
40-78	B	60			60					-	-	-	-	Thermocouple - see page 1F-33	
40-80	B	11			1			10		-	-	-	-		
40-81	B	62			62					-	-	-	-	14 AWG Wire	
40C81	C	62			62					-	-	-	-		
40-82	B	62			62					-	-	-	-		
40C82	C	62			62					-	-	-	-		
40-85	B	60			60					-	-	-	-	14 AWG Wire	
40-86	B	4							4C	-	-	-	-	RG115A/U Coaxial Contacts	
40-87	B	7						7		-	-	-	-		
40-88	B	60			60					-	-	-	-	Thermocouple - see page 1F-33	
40-98	B	60			57		3C			-	-	-	-	#8 for Coaxial Contacts	
40-99	B	60			57		3C			-	-	-	-	#8 for Coaxial Contacts	
40A100	V	100		100						30	105	230	315		
40A130	V	130		114	12	4				45	113	-	309		

9320

MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY SHELL SIZE

INSERT NUMBER	SOURCE (See note)	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
		TOTAL	SIZE							W	X	Y	Z	
			# 20	# 18	# 16	# 12	# 8	# 4	# 0					
40-150	S	150		150										
40A150	J,V	150		150						-	-	-	-	
40T159	V	159	159							-	-	-	-	
40-951	A,P	51				26	25			-	-	-	-	
40-2012-27	C	60			60					-	-	-	-	
40-2012-28	C	4							4	-	-	-	-	
40-2012-31	C	52			48	3				-	-	-	-	+1 RG13/U Coaxial Contact
40-2012-32	C	7								-	-	-	-	RG71/U Coaxial Contacts
40-2012-33	C	13					7	6		-	-	-	-	
40-2012-34	C	3								-	-	-	-	RG63/U Coaxial Contacts
40-AA	B	85			85					-	-	-	-	Thermocouple - see page 1F-33
44-1	M	42			36	6				65	125	225	310	
44-2	M	31			14	14	2	1		65	125	225	310	
44-3	M	31			24	3	2	2		65	125	225	310	
44-4	M	41			31	8			2	65	125	225	310	
44-5	MI	42			36	6				-	-	-	-	Position #12 of 44-1
44-6	MI	42			36	6				-	-	-	-	Position #13 of 44-1
44-52	M	104			104					72	135	225	288	
44-53	B	36			18		18C			-	-	-	-	#8 RG124/U Coaxial Contacts
44-57	B	104			104					-	-	-	-	Thermocouple - see page 1F-33
44-59	B	104			104					-	-	-	-	Thermocouple - see page 1F-33
44-60	B	104			104					-	-	-	-	Thermocouple - see page 1F-33
44-62	B	104			104					-	-	-	-	Thermocouple - see page 1F-33
44-2013-15	C	68			64	3				-	-	-	-	+1 RG59/U Coaxial Contact
44-2013-16	C	15			12	2				-	-	-	-	+1 RG77/U Coaxial Contact
44-2013-17	C	34			30			4		-	-	-	-	
44-2013-19	C	8			4					-	-	-	-	+4 RG71/U Coaxial Contacts
44-2013-26	C	6						6		-	-	-	-	
44A33	C	104			104					-	-	-	-	
48-1	M	15				6	4	2	3	65	125	225	310	
48-2	M	47			46	1				65	125	225	310	
48-3	M	25			18	1	3		3	65	125	225	310	
48-4	M	68			47	16	3		2	65	125	225	310	
48-5	MI	100			90	9	1			65	125	225	310	
48-51	B	56			42		10		4	-	-	-	-	
48-52	B	61			56				5	-	-	-	-	
48-53	B	37				37				-	-	-	-	
48-54	B	56			42		10		4C	-	-	-	-	#0RG59/U Coaxial Contact
48-55	B	78			68	2	2	6		-	-	-	-	
48-57	B	56			42		10		4	-	-	-	-	
48-60	B	56			42		10		4C	-	-	-	-	#0 RG214/U Coaxial Contact
48-62	M	85			85					72	144	216	288	
48-2014-9	C	94			88	3	3			-	-	-	-	
48-2014-10	C	102			99		3			-	-	-	-	
48-2014-11	C	25			18	1	3			-	-	-	-	+3 RG58/U Coaxial Contacts
48-2014-12	C	72			72					-	-	-	-	

9321

MIL-C-5015 THERMOCOUPLE CONTACTS

MIL-C-5015
1F INSERT CONFIGURATIONS

A thermocouple is essentially a pair of wires of dissimilar metals connected at both ends. When the two junctions are subjected to different temperatures, an electrical potential is set up between them almost directly proportional to the temperature difference. A voltage measuring instrument in the circuit can thus measure temperature.

Because thermocouple junctions can withstand higher temperatures than the connectors used in conjunction with them, care must be taken to isolate the connectors. While contacts can withstand the temperatures shown in the following table, standard insert materials can withstand only 257°F continuous operation. However, special dielectrics and shell finishes can extend the usable connector range above 500°F.

THERMOCOUPLE LIMITS

COMBINATION	CONDITIONS	TEMPERATURE RANGE
Copper-Constantan	Material has good resistance to corrosion with long life and stable calibration.	Thermocouple Junction: Below 500°F Connector Contacts: 400°F
Iron-Constantan	Material can be used in either oxidizing or reducing atmospheres. It is not recommended for low temperatures and in the presence of moisture due to the rusting of the iron.	Thermocouple Junction: 500°F to 1200°F Connector Contacts: *600°F
Chromel-Alumel	Material is good for high temperature work and is more stable than iron and constantan combinations.	Thermocouple Junction: High Temperature Connector Contacts: *400°F

* These contacts can withstand higher temperatures but have not been tested because the general line of connectors will not withstand such temperatures in continuous operation.

9322

THERMOCOUPLE MATERIALS

CONTACT DESIGNATION	MATERIAL	MAGNETISM
Alumel (Al)	94% Nickel; 2.5% Manganese; 2% Aluminum; 1% Silicon; ½% Iron	Magnetic
Constantan (Co)	45% to 60% Copper; 40% to 55% Nickel; 0 to 1.4% Manganese; 0.1% Iron	Non-Magnetic
Copper (Cu)	87.5 to 90% Copper; 1.8 to 2.2% Lead; .1% Iron; 5% Nickel; .5% normal impurities and balance zinc	Non-Magnetic
Iron (Ir)	84.4% Iron; 2% Carbon; 3% manganese; 6% Phosphorus; 2% Sulphur; 4% Silicon; 8.1% Copper; 9% Tin (Cadmium plated for corrosion resistance)	Magnetic
Chromel P (Ch)	90% Nickel; 10% Chromium	Non-Magnetic

9323

THERMOCOUPLE ORDERING INFORMATION

AMPHENOL/BENDIX

Thermocouple arrangements for a basic MIL-C-5015 insert configuration are assigned a new part number by the factory. The material of each contact is identified by color coding as shown in Table 1.

TABLE 1. CONTACT COLOR CODING

CONTACT MATERIAL	COLOR	
	AMPHENOL	BENDIX
ALUMEL	ORANGE	GREEN
CHROMEL	GREEN	WHITE
COPPER	YELLOW	-
CONSTANTAN	RED	YELLOW
IRON	WHITE	BLACK

ITT CANNON

Thermocouple insert arrangements are designed by adding the appropriate suffix (see Table 2) to the desired MIL-C-5015 insert configuration and specifying what material is desired for each contact.

TABLE 2. CANNON SUFFIXES

SUFFIX	CONTACT MATERIAL
F8	IRON, CONSTANTAN, COPPER
F9	ALUMEL, CHROMEL, COPPER
F58	IRON, CONSTANTAN, COPPER, ALUMEL, CHROMEL

EXAMPLE:

CA3106B12S-3S (F9) a = alumel; b = chromel

MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
10SL-51	B,S,V	2	2		10SL-4	45	A = Ir.; B = Con.
10SL-52	B,S,V	2	2		10SL-4	45	A = Cu.; B = Con.
10SL-53	B,S,V	2	2		10SL-4	45	A = Al.; B = Ch.
10SL-54	B,S,V	3	3		10SL-3	—	A = Ir.; B = Con.; C = Cu.
10SL-55	B,S,V	3	3		10SL-3	—	A = Al.; B = Ch.; C = Cu.
10SL-56	B,S,V	2	2		10SL-4	—	A = Al.; B = Ch.
10SL-57	B,S	2	2		10SL-4	—	A = Ch.; B = Con.
10SL-58	B,S	3	3		10SL-3	—	A = Ch.; B = Al.; C = Cu.
10SL-59	B,S	2	2		10SL-4	—	A = Ch.; B = Al.
10SL-60	B,S	2	2		10SL-4	—	A = Ir.; B = Con.
10SL-61	B,S	2	2		10SL-4	—	A = Cu.; B = Con.
10SL-62	B,S	3	3		10SL-3	—	A = Cu.; B = Al.; C = Ir.
10SL-63	B,S	3	3		10SL-3	—	A, C = Con.; B = Ch.
10SL-64	B,S	3	3		10SL-3	—	A, C = Ch.; B = Al.
10SL-401	A,S	2	2		10SL-4	—	A = Al.; B = Ch.
12S-6	A,S	2	2		12S-3	—	A = Con.; B = Ir.
12S-51	B,S,V	2	2		12S-3	315	A = Ch.; B = Al.
12S-54	B,S,V	2	2		12S-3	315	A = Ir.; B = Con.
12S-55	B,S,V	2	2		12S-3	45	A = Cu.; B = Con.
12S-56	B,S,V	2	2		12S-3	—	A = Al.; B = Ch.
12S-57	B,S,V	2	2		12S-3	60	A = Ch.; B = Al.
12S-58	B,S,V	2	2		12S-3	120	A = Ir.; B = Con.
12S-59	B,S,V	2	2		12S-3	—	A = Ir.; B = Con.
12S-60	B,S	2	2		12S-3	—	A = Cu.; B = Con.
12S-61	B,S	2	2		12S-3	—	A = Ch.; B = Con.
12S-62	B,S	2	2		12S-3	—	A = Ch.; B = Al.
12S-64	B,S	2	2		12S-3	315	A = Cu.; B = Con.
12S-65	B,S	2	2		12S-3	—	A = Con.; B = Ir.
12S-407	A,S	2	2		12S-3	—	A = Al.; B = Ch.
12S-409	A,S	2	2		12S-3	—	A = Cu.; B = Con.
14S-51	B,S,V	2	2		14S-9	90	A = Al.; B = Ch.
14S-52	B,S,V	4	4		14S-2	45	A, B = Cu.; C = Al.; D = Ch.
14S-53	B,S,V	2	2		14S-9	90	A = Ir.; B = Con.
14S-54	B,S,V	6	6		14S-6	45	A, C, E = Ir.; B, D, F = Con.
14S-55	B,S,V	4	4		14S-2	45	A, C = Ir.; B, D = Con.
14S-56	B,S,V	4	4		14S-2	45	A = Ir.; B = Con.; C, D = Cu.
14S-57	B,S,V	4	4		14S-2	45	A, C = Al.; B, D = Ch.
14S-58	B,S,V	3	3		14S-7	45	A = Al.; B = Ch.; C = Cu.
14S-59	B,S	6	6		14S-6	—	A = Al.; B = Ch.; C = Ir.; D = Con.; E, F = Cu.
14S-59	B,S,V	2	2		14S-9	90	A = Cu.; B = Con.
14S-60	B,S,V	2	2		14S-9	—	A = Al.; B = Ch.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

9324

MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

MIL-C-5015
1F INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
14S-61	B,S,V	6	6		14S-6	45	A = Al.; B = Ch.; C = Ir.; D = Con.; E, F = Cu.
14S-63	B,S,V	6	6		14S-6	—	A, C = Al.; B, D = Ch.; E = Ir.; F = Con.
14S-64	B,S,V	4	4		14S-2	—	A, C = Con.; B, D = Cu.
14S-65	B,S,V	6	6		14S-6	—	A, C, E = Cu.; B, D, F = Con.
14S-67	B,S,V	6	6		14S-6	—	A = Al.; B = Ch.; Bal = Cu.
14S-68	B,S,V	4	4		14S-2	45	A = Ch.; B = Con.; C, D = Cu.
14S-69	B,S,V	3	3		14S-7	—	A = Con.; B = Ch.; C = Cu.
14S-70	B,S	4	4		14S-2	—	A, D = Ch.; B, C = Al.
14S-70	S,V	4	4		14S-2	—	D = Al.; A = Ch.; Bal = Std.
14S-71	B,S	4	4		14S-2	—	A, B, D = Cu.; C = Con.
14S-72	B,S	2	2		14S-9	—	A = Con.; B = Cu.
14S-73	B,S	4	4		14S-2	—	A, B = Cu.; C = Al.; D = Ch.
14S-74	B,S	4	4		14S-2	—	A, B = Ch.; C, D = Al.
14S-75	B,S	4	4		14S-2	—	A, B = Cu.; C, D = Con.
14S-76	B,S	4	4		14S-2	—	A, C = Al.; B, D = Ch.
14S-77	B,S	4	4		14S-2	—	A, D = Al.; B, C = Ch.
14S-77	S,V	6	6		14S-6	—	A, B, C = Al.; D, E, F = Ch.
14S-78	B	2	2		14S-9	—	A = Ch.; B = Al.
14S-78	S,V	4	4		14S-2	—	A, B = Al.; C, D = Ch.
14S-79	B,S,V	5	5		14S-5	—	A, B, E = Cu.; C = Al.; D = Ch.
14S-79	V	5	5		14S-5	—	1 = Al.; 1 = Ch.; Bal = Std.
14S-80	B	2	2		14S-9	—	A = Cu.; B = Con.
14S-80	S,V	3	3		14S-7	—	2 = Ir.; 1 = Con.
14S-81	B,S	2	2		14S-9	—	A = Al.; B = Cu.
14S-82	B,S	4	4		14S-2	—	A = Ir.; B = Con.; C = Ch.; D = Al.
14S-83	B,S	6	6		14S-6	—	A, C = Ir.; B, D = Con.; E, F = Cu.
14S-84	B,S	6	6		14S-6	—	A, B = Al.; Bal = Cu.
14S-85	B,S	3	3		14S-7	—	A = Ch.; B = Al.; C = Cu.
14S-86	B,S	6	6		14S-6	—	A, F = Ir.; B, E = Con.; C, D = Cu.
14S-87	B,S	6	6		14S-6	—	A, B, C, D = Ir.; E, F = Con.
14S-88	B,S	2	2		14S-9	90	A = Ch.; B = Con.
14S-89	B,S	3	3		14S-7	—	A = Ir.; B = Cu.; C = Con.
14S-90	B,S	6	6		14S-6	—	A = Al.; C = Ch.; Bal = Cu.
14S-91	B,S	4	4		14S-2	—	A = Al.; B = Ch.; Bal = Cu.
14S-93	B,S	6	6		14S-6	—	A, B, F = Al.; C, D, E = Ch.
14S-414	A,S	2	2		14S-9	—	A = Al.; B = Ch.
14S-415	A,S	6	6		14S-6	—	A, C, E = Cu.; B, D, F = Con.
14S-419	A,S	4	4		14S-2	—	A, B = Al.; C, D = Ch.
14S-421	A,S	6	6		14S-6	—	A, B, C = Ir.; D, E, F = Con.
14S-422	A,S	6	6		14S-6	—	A, B, C = Al.; D, E, F = Ch.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
14S-423	A,S	6	6		14S-6	—	A = Ir.; B, C = Al.; D = Con.; E, F = Ch.
14S-424	A,S	6	6		14S-6	—	A = Ch.; B, C = Ir.; D = Al.; E, F = Con.
14S-433	A,S	4	4		14S-2	—	A, B = Std.; C = Al.; D = Ch.
14S-446	A,S	4	4		14S-2	—	A, C = Ir.; B, D = Con.
16-13	M	2		2	16-13	—	A = Ir.; B = Con.
16S-50	S,V	5	5		16S-8	—	1 = Con.; 1 = Ir.; 3 = Cu.
16S-51	S,V	7	7		16S-1	—	A, F = Al.; B = Ch.; Bal = Std.
16-52	B,S,V	2	2		16-11	90	A = Al.; B = Ch.
16S-52	B,S,V	2	2		16S-4	—	A = Ch.; B = Al.
16-53	B,S,V	4	2	2	16-9	70	A = Al.; C = Ch.; B, D = Cu.
16S-54	B,S,V	7	7		16S-1	—	A = Al.; B = Ch.; Bal = Cu.
16-55	B,S,V	3		3	16-10	45	A = Al.; B = Ch.; C = Cu.
16S-55	B	7	7		16S-1	—	A = Con.; Bal = Cu.
16S-55	S,V	2	2		16S-4	—	B = Con.
16-56	B,S,V	2		2	16-13	90	A = Con.; B = Cu.
16S-56	B,S	7	7		16S-1	—	A = Al.; D = Ch.; Bal = Cu.
16-57	B,S,V	3		3	16-10	—	A = Al.; B = Cu.; C = Ch.
16S-57	B,S	7	7		16S-1	—	A, B = Al.; C, D = Ch.; Bal = Cu.
16-58	B,V	3		3	16-10	—	A = Con.; B, C = Cu.
16S-58	B,S	7	7		16S-1	—	A, G = Al.; Bal = Ch.
16S-59	B,S	7	7		16S-1	—	A, C = Ir.; B, D = Con.; Bal = Cu.
16-60	B,S,V	2		2	16-13	—	A = Al.; B = Ch.
16S-60	B,S	7	7		16S-1	—	A = Ir.; B = Con.; Bal = Cu.
16S-61	B	7	7		16S-1	—	G = Al.; Bal = Ch.
16-62	B,S	2		2	16-11	—	A = Con.; B = Cu.
16-67	B,S	2		2	16-11	—	A = Al.; B = Ch.
16-68	B,S	4	2	2	16-9	—	A, B, C = Ch.; D = Al.
16-412	A,S	2		2	16-13	—	A = Al.; B = Ch. Al coded green. Ch coded white.
16-414	A,S	2		2	16-13	—	A = Cu.; B = Con.
16S-417	A,S	2	2		16S-4	—	A = Al.; B = Ch.
16S-418	A,S	2	2		16S-4	—	A = Ir.; B = Con.
16S-419	A,S	2	2		16S-4	—	A = Cu.; B = Con.
16-848	A,S	2		2	16-13	—	A = Al.; B = Ch.
18-15	M	4		4	18-15	—	A, C = Ir.; B, D = Con.
18-41	S,V	4	4		18-4	—	A, C = Ir.; B, D = Con.
18-42	S,V	4	4		18-4	—	A, C = Al.; B, D = Ch.
18-43	S,V	4	4		18-4	—	A, C = Ch.; B, D = Con.
18-44	S,V	3	3		18-22	—	1 = Al.; 1 = Ch.; 1 = Std.
18-45	S,V	5	5		18-20	—	A = Ir.; B = Con.; Bal = Std.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
18-46	S,V	4	4		18-4	—	1 = Ch.; 1 = Al.; 2 = Std.
18-51	B,S,V	6	6		18-12	—	A = Ir.; B, E = Con.; D = Cu.; C, F = Dummy.
18-51	S,V	6	6		18-12	—	A = Ir.; B, E = Con.; D = Cu.; C, F = Std.
18-52	B,S,V	5		5	18-11	—	A = Ir.; B = Con.; C = Ch.; D = Al.; E = Dummy.
18-52	S,V	5		5	18-11	—	A = Ir.; B = Con.; D = Al.; E = Std.
18-53	B,S,V	6	6		18-12	—	A, D = Ir.; B, E = Con.; C, F = Dummy
18-53	S,V	6	6		18-12	—	A, D = Ir.; E = Con.; C, F = Std.
18-54	B,S,V	4		4	18-15	—	A, C = Al.; B, D = Ch.
18-56	B,S,V	10	10		18-1	—	A, C, E, G, I = Ir.; B, D, F, H, J = Con.
18-57	B,S,V	6	6		18-12	—	A, C, E = Al.; B, D, F = Ch.
18-59	B,S,V	6	6		18-12	—	A, C = Ir.; B, E, F = Con.; D = Cu.
18-60	B,S,V	5		5	18-11	45	A, D = Al.; B, C = Ch.; E = Cu.
18-61	B,S,V	6	6		18-12	—	A, C = Ir.; B, D = Con.; E = Ch.; F = Al.
18-62	B,S,V	6	6		18-12	—	A, B, C = Ir.; D, E, F = Con.
18-63	B,S,V	4		4	18-15	—	A, C = Con.; B, D = Cu.
18-65	B,S,V	6	6		18-12	—	A = Ir.; B = Con.; Bal = Cu.
18-66	B,S,V	10	10		18-1	—	A, C, E, G, I = Cu.; B, D, F, H, J = Con.
18-67	B,S,V	6	6		18-12	—	A, C, E = Cu.; B, D, F = Con.
18-68	B,S,V	5		5	18-11	—	A, D = Al.; B, C = Ch.; E = Cu.
18-69	B,S,V	10	10		18-1	—	A = Al.; B = Ch.; Bal = Cu.
18-70	B,S,V	5		5	18-11	—	A = Ir.; B = Con.; C = Ch.; D = Al.; E = Cu.
18-71	B	4		4	18-15	—	A = Con.; Bal = Cu.
18-71	S,V	6	6		18-12	—	2 = Al.; 2 = Ch.; 2 = Std.
18-72	B,S	4		4	18-15	—	D = Con.; Bal = Cu.
18-73	B,S	7	5	2	18-9	—	A = Al.; D = Ch.; Bal = Cu.
18-74	B,S	6	6		18-12	—	A = Ch.; B = Al.; D = Ir.; E = Cu.; C, F = Con.
18-75	S,V	10			18-1	—	2 = Al.; 2 = Ch.; Bal = Std.
18-76	B,S	10			18-1	—	A, C, E, G, I = Al.; B, D, F, H, J = Ch.
18-77	B,S	10			18-1	—	A, C, E, G = Al.; B, D, F, H = Ch.; Bal = Cu.
18-78	B,S	10			18-1	—	A = Al.; B = Ch.; D, F, H, J = Con. Bal = Cu.
18-79	B,S	6	6		18-12	—	A, F = Ir.; B, E = Con.; C, D = Cu.
18-80	B,S	4		4	18-15	—	A, C = Cu.; B, D = Con.
18-81	B,S	10	10		18-1	—	E, G = Con.; Bal = Cu.
18-82	B,S	10	10		18-1	—	E, G = Con.; F, H = Ir.; Bal = Cu.
18-401	A,S	4		4	18-10	—	A, B = Al.; C, D = Ch.
18-402	A,S	4		4	18-10	—	A, B = Ir.; C, D = Con.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
18-403	A,S	4		4	18-15	—	A, C = Al.; B, D = Ch.
18-404	A,S	2		2	18-3	—	A = Con.; B = Ir.
18-405	A,S	2		2	18-3	—	A = Al.; B = Ch.
18-411	A,S	4		4	18-10	—	A = Con.; B, C, D = Cu.
18-422	A,S	2		2	18-3	—	A = Cu.; B = Con.
18-423	A,S	8	7	1	18-8	—	A, B, C, H = Ch.; D, E, F, G = Al.
18-426	A,S	10	10		18-1	—	A, B, C, D, J = Ir.; E, F, G, H, I = Con.
18-434	A,S	10	10		18-1	—	All Alumel
18-435	A,S	10	10		18-1	—	All Chromel
18-439	A,S	10	10		18-1	—	A, B, G, H, I = Al.; C, D, E, F, J = Ch.
18-443	A,S	6	6		18-12	—	A, C, E = Ir.; B, D, F = Con.
18-451	A,S	6	6		18-12	—	A, C, E = Cu.; B, D, F = Con.
18-452	A,S	4		4	18-15	—	A = Con.; B = Cu.; C, D = Std.
20-50	S,V	17	17		20-29	—	7 = Al.; 7 = Ch.; 3 = Std.
20-52	B,S,V	4		4	20-4	315	A = Ir.; B = Con.; C = Ch.; D = Al.
20-56	B,S,V	8	8		20-7	45	A, B, G, H = Ir.; C, D, E, F = Con.
20-60	B,S,V	8	8		20-7	45	D = Ch.; E = Al.; Bal = Cu.
20-61	B,S,V	17	17		20-29	45	A, B, M = Cu.; Bal = Con.
20-62	B,S,V	7		7	20-15	80	A, C, E = Al.; B, D, F = Ch.; G = Cu.
20-64	B,S,V	14	14		20-27	—	A = Al.; C = Ch.; Bal = Cu.
20-65	B,S,V	14	14		20-27	—	A, B, C, D, E, F, G = Ir.; H, I, K, L, M, N = Con.
20-67	B,S,V	9	7	2	20-16	—	H = Al.; I = Ch.; Bal = Cu.
20-68	B,S,V	8	8		20-7	—	A, B, G, H = Con.; C, D, E, F = Cu.
20-69	B,S,V	14	14		20-27	—	A, B, C, D, E, F, G = Cu.; H, I, J, K, L, M, N = Con.
20-70	B,S,V	17	17		20-29	—	A, C, E, G, J, L, N, R, T = Ir.; B, D, F, H, K, M, P, S = Con.
20-71	B,S,V	17	17		20-29	—	S = Al.; R = Ch.; Bal = Cu.
20-74	B,S,V	17	17		20-29	—	A, C, E, G, J, L, N, R = Ir.; B, D, F, H, K, M, P, S = Con.; T = Cu.
20-75	B	7		7	20-15	—	G = Al.; Bal = Ch.
20-75	S,V	14	14		20-27	—	A, L, E = Al.; B, F, M = Ch.; Bal = Std.
20-76	S,V	17	17		20-29	—	8 = Ch.; 8 = Al.; 1 = Cu.
20-77	B,S	9	7	2	20-16	—	A = Con.; Bal = Std.
20-77	S,V	9	9		20A-9	—	3 = Al.; 3 = Ch.; 3 = Ph Bz.
20-80	B,S	14	14		20-27	—	A, C, E, G, I, K, M = Cu.; B, D, F, H, J, L, N = Con.
20-81	B,S	14	14		20-27	—	A, C, E, G, I, K, M = Ch.; B, D, F, H, J, L, N = Al.
20-82	B,S	17	17		20-29	—	A, C, E, G, J, L, N, R = Al.; B, D, F, H, K, M, P, S = Ch.; T = Cu.
20-83	S,V	14	14		20-27	—	A, B = Ch.; C, D = Al.; Bal = Std.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
20-85	B,S	11	11		20-33	—	A, L = Al.; Bal = Ch.
20-87	B,S	17	17		20-29	—	A, C, E, G, J, L, N, R = Con.; Bal = Cu.
20-88	B,S	14	14		20-27	—	A, C, E = Al.; B, D, F = Ch.; G, H, K, N = Con.; Bal = Cu.
20-89	B,S	14	14		20-27	—	B, D, F, H, J, L = Al.; A, C, E, G, I, K = Ch.; M, N = Cu.
20-90	B,S	14	14		20-27	—	C, G, I = Ch.; K, L, M = Al.; Bal = Cu.
20-91	B,S	14	14		20-27	—	I = Ch.; K = Al.; Bal = Cu.
20-92	B,S	8	8		20-7	—	A = Al.; H = Cu.; Bal = Ch.
20-93	B,S	14	14		20-27	—	A = Ch.; B = Al.; Bal = Cu.
20-94	B,S	7		7	20-15	—	A, C, E = Al.; B, D, F = Ch.; G = Cu.
20-99	B,S	11	11		20-33	—	A = Al.; Bal = Ch.
20-408	A,S	8	8		20-7	—	A, C, E, G = Ch.; B, D, F, H = Al.
20-409	A,S	8	8		20-7	—	A, C, E, G = Cu.; B, D, F, H = Con.
20-410	A,S	4		4	20-4	—	A, C = Cu.; B, D = Con.
20-412	A,S	14	14		20-27	—	A, B, C, D, E, F, G = Al. H, I, J, K, L, M, N = Ch.
20-413	A,S	14	14		20-27	—	A, B, C, D, E, F, G = Ir.; H, I, J, K, L, M, N = Con.
20-641	S,V	14	14		20-27	—	A, B, C, D, E, F, G = Al.; H, I, J, K, L, M, N = Ch.; 7 = Al.; 7 = Ch.
22-36	M	8		8	22-36	—	B, D, F, H = Con.; A, C, E, G = Ir.
22-57	B,S,V	19	19		22-14	45	A, C, E, G, J, L, N, R = Ir.; B, D, F, H, K, M, S, P = Con.; T, U, V = Cu.
22-60	B,S,V	19	19		22-14	45	U = Al.; N = Ch.; Bal = Cu.
22-62	B,S,V	8		8	22-23	300	A, B, F, G = Al.; C, D, E, H = Ch.
22-68	B,S,V	14	14		22-19	45	A, C, E, G, J, L, M = Ir.; B, D, F, H, K, P, N = Con.
22-69	B,S,V	14	14		22-19	45	A, C, E, G, J, L, M = Cu.; B, D, F, H, K, P, N = Con.
22-71	B,S,V	19	19		22-14	—	V = Al.; U = Ch.; Bal = Cu.
22-72	B,S,V	6	4	2	22-5	—	B = Al.; E = Ch.; Bal = Cu.
22-73	B,S,V	6	4	2	22-5	—	E = Al.; B = Ch.; Bal = Cu.
22-74	B,S,V	8		8	22-23	—	A, C, E, G = Ir.; B, D, F, H = Con.
22-75	B,S,V	8		8	22-23	—	A = Al.; B, D, G, H = Cu.; C = Ch.; E = Ir.; F = Con.
22-76	B,S	21		21		—	W = Con.; Bal = Cu.
22-77	B,S,V	14	14		22-19	—	B, D, F, H, J, K, M, P = Cu.; A, E, L = Ir.; C, G, N = Con.
22-78	B,S,V	19	19		22-14	—	A, C, E, G, H, K, M, P, R, T = Con.; Bal = Cu.
22-79	B,S,V	4	4		22-10	—	A, C = Con.; B, D = Cu.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015
1F INSERT CONFIGURATIONS

MILC-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
22-81	S,V	5	2	3	22-34	—	E = Ir.; D = Con.; Bal = Std.
22-82	B,S	19	19		22-14	—	A, C, E, G, J, L, N, R, T = Ir.; B, D, F, H, K, M, P, S, U = Con.; V = Cu.
22-83	B,S	8	8		22-18	—	A, C, E, G = Al.; B, D, F, H = Ch.
22-84	B,S	19	19		22-14	—	A, C, S = Ch.; B, D, T = Al.; Bal = Cu.
22-85	B	14	14		22-19	—	A, C, E, G, J, L, N = Al.; B, D, F, H, K, M, P = Ch.
22-85	S,V	6	4	2	22-5	—	2 = Al.; 2 = Ch.; Bal = Std.
22-89	B,S	7		7	22-28	—	A, C, E = Ir.; B, D, F = Con.; G = Cu.
22-404	A,S	8		8	22-23	—	A, B, F, G = Ir.; C, D, E, H = Con.
22-405	A,S	8		8	22-23	—	A, B, F, G = Cu.; C, D, E, H = Con.
22-406	A,S	8		8	22-23	—	A, B, F, G = Al.; C, D, E, H = Ch.
22-407	A,S	8		8	22-23	—	A, B, C = Ir.; D, E, F = Con.; G = Ch.; H = Al.
22-412	A,S	8		8	22-36	—	A, C, E, G = Al.; B, D, F, H = Ch.
22-414	A,S	8		8	22-23	—	All Alumel
22-415	A,S	8		8	22-23	—	All Chromel
22-416	A,S	8		8	22-36	—	A, C, E, G = Cu.; B, D, F, H = Con.
22-422	A,S	8	8		22-18	—	A, B, C, D = Al.; E, F, G, H = Ch.
22-431	A,S	14	14		22-19	—	A, C, E, J, P, M = Ch.; B, D, F, H, L, N = Al.
24-56	B,S,V	11	9	2	24-20	45	E = Al.; F = Ch.; Bal = Cu.
24-57	B,S,V	24	24		24-28	45	A, C, J, V, Y, W, K, E, H, U, S, M = Ch.; Bal = Al.
24-62	B,S,V	24	24		24-28	—	A, C, E, G = Ir.; B, D, F, H = Con.; R, T = Ch.; S, U = Al.; Bal = Cu.
24-63	B,S,V	24	24		24-28	—	A, C, E, G, J, L, K, N, S, U, W, Y = Cu.; B, D, F, H, Q, R, M, P, T, V, X, Z = Con.
24-64	B,S,V	16	16		24-5	—	A, B, C, D, E, F, G, H = Ir.; J, K, L, M, N, P, R, S = Con.
24-68	B,S,V	24	24		24-28	—	D = Con.; Bal = Cu.
24-69	S,V	12	12		24-19	—	5 = Con.; 7 = Std.
24-70	S,V	24	24		24-28	—	8 = Ch.; 8 = Al.; 8 = Ph. Bz.
24-81	B,S	16	14	2	24-7	—	A, C, E, G, I, K, M, N, P = Cu.; B, D, F, H, J, L, O = Con.
24-88	B,S	24	24		24-28	—	A, B, C, D, E, F, G, H, J, K, L, M = Con.; Bal = Ir.
24-91	B,S	16	16		24-5	—	A, B, C, D, E, F, G, H = Al.; J, K, L, M, N, P, R, S = Ch.
24-401	A,S	8		8	24-6	—	A, B, F, G = Ir.; C, D, E, H = Con.
24-402	A,S	8		8	24-6	—	A, B, F, G = Al.; C, D, E, H = Ch.
24-406	A,S	8		8	24-6	—	A, B, F, G = Cu.; C, D, E, H = Con.
24-409	A,S	12	12		24-19	—	A, B, C, D, E, F = Ir.; H, J, K, L, M, N = Con.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
24-412	A,S	12	12		24-19	—	A, B, C, D, E, F = Cu.; H, J, K, L, M, N = Con.
24-414	A,S	24	24		24-28	—	A, B, C, D, E, F, G, H, J, K, L, M = Al.; N, P, Q, R, S, T, U, V, W, X, Y, Z = Ch.
24-415	A,S	24	24		24-28	—	A, B, C, D, E, F, G, H, J, K, L, M = Con.; N, P, Q, R, S, T, U, V, W, X, Y, Z = Ir.
24-417	A,S	16	16		24-5	—	A, B, C, D, E, F, G, H = Al.; J, K, L, M, N, P, R, S = Ch.
24-418	A,S	12	12		24-19	—	A, B, C, D, E, F = Al.; H, J, K, L, M, N = Ch.
24-422	A,S	24	24		24-28	—	A, C, E, G, J, L, N, O, S, V, W, Y = Cu.; B, D, F, H, K, M, R, T, U, X, Z = Con.
24-423	A,S	16	16		24-5	—	A, B, C, D, E, F, G, H = Ir.; J, K, L, M, N, P, R, S = Con.
24-430	A,S	24	24		24-28	—	All Chromel
24-431	A,S	24	24		24-28	—	All Alumel
24-621	S,V	24	24		24-28	—	A, C, E, G, J, L, K, N, S, U, W, Y = Ir.; B, D, F, H, M, P, Q, R, T, U, X, Z = Con.
24-622	S,V	24	24		24-28	—	A, C, E, G, J, L, K, N, S, U, W, Y = Ch.; B, D, F, H, O, R, M, P, T, V, X, Z = Al.
28-53	B,S,V	22	18	4	28-11	45	J, L = Al.; K, M = Ch.
28-58	B,S,V	14	4	10	28-20	45	A, C, E, G, K, M = Al.; B, D, F, H, L, N = Ch.; J, P = Cu.
28-61	B,S,V	37	37		28-21	45	A, C, J, Z, m, r, n, a, K, F, H, X, k, h, T, M, N, d = Ir.; Bal = Con.
28-63	B,S,V	14	4	10	28-20	315	A, C, E, G, J = Al.; B, D, F, H, P = Ch.; Bal = Cu.
28-64	B,S,V	35	35		28-15	—	A, d = Al.; B, j = Ch.; C, D, E, F, G, N, P, R, S, H, J, K, L, N, W, X, Y, Z = Con.; Bal = Cu.
28-65	B,S,V	26	26		28-12	—	A, C, E, G, J, L, N, R, T, V = Ir.; X, Z = Al.; B, D, F, H, K, M, P, S, U, W = Con.; Y, a = Ch.; b, d = Cu.
28-67	B,S,V	20	20		28-16	—	U = Con.; Bal = Cu.
28-68	B,S,V	35	35		28-15	45	T = Al.; U = Ch.; Bal = Cu.
28-69	B,S,V	22	18	4	28-11	—	G = Al.; R = Ch.; Bal = Cu.
28-70	B,S,V	22	18	4	28-11	—	A = Al.; B = Ch.; Bal = Cu.
28-77	B	22	18	4	28-11	—	J = Con.; Bal = Cu.
28-77	V	20	20		28-16	—	6 = Ir.; 6 = Con.; Bal = Std.
28-78	S,V	35	35		28-15	—	A, B = Ch.; C, D = Al.; Bal = Std.
28-81	B,S	37	37		28-21	—	A, D, S, Z, n, s = Ir.; B, J, K, f, g, r = Con.; G, L, P, b, e, j = Al.; F, H, T, X, h, k = Ch.; Bal = Cu.
28-82	V	35	35		28-15	—	12 = Ir.; 12 = Con.; Bal = Std.
28-85	B,S	22	18	4	28-11	45	K, M = Al.; J, L = Ch.; Bal = Cu.
28-91	B,S	12	6	6	28-9	—	M = Ir.; L = Con.; Bal = Cu.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
28-94	B,S	26	26		28-12	–	B, D, F, H, K, M, P, S, U, W, Y, a, d = Al.; Bal = Ch.
28-98	B,S	37	37		28-21	–	M = Al.; F = Ch.; Bal = Cu.
28-99	B,S	26	26		28-12	–	B, D, F, H, K, M, P, S, U, W, Y, a = Con.; Bal = Cu.
28-201	S,V	14	4	10	28-20	–	A, C, E, G, J, P = Con.; Bal = Std.
28-413	A	26	26		28-12	–	A, B, C, D, M, N, P, R, S, T, U, Z, a = Ir.; E, F, G, H, J, K, L, V, W, X, Y, b, d = Con.
28-414	A	26	26		28-12	–	A, B, C, D, M, N, P, R, S, T, U, Z, a = Cu.; E, F, G, H, J, K, L, V, W, X, Y, b, d = Con.
28-420	A,S	20	20		28-16	45	A, B, C, J, K, L, M, S, T, V = Con.; D, E, F, G, H, N, P, Q, R, U = Ir.
28-AC	B,S	20	20		28-16	–	A, C, E, G, J, L = Ir.; B, D, F, N, K, M = Con.; Bal = Cu.
28-AD	B,S	37	37		28-21	–	A, C, F, H, J, K, M, N, T, X, Z, a, d, h, k, m, n, r = Cu.; Bal = Con.
28-AE	B,S	37	37		28-21		A, C, E, G, J, L, N, R, T, V, X, a, c, e, g, j, m, p, s = Cu.; Bal = Con.
28-AF	B,S	12	12		28-18		A, C, E, G, J, L = Ch.; Bal = Al.
28-AG	B,S	26	26		28-12	–	A, C, E, G, J, L, N, R = Al.; B, D, F, H, K, M, P, S = Ch.; Bal = Cu.
28-AK	B,S	37	37		28-21	–	A, B, C, D, J, K, L, M, N, P, X, a, b, c, m, p = Ch.; n = Cu.; Bal = Al.
32-50	S,V	30	24	6	32-8	–	M = Ch.; N = Al.; Bal = Cu.
32-51	B,V	30	24	6	32-8	90	M = Ch.; N = Al.; Bal = Cu.
32-55	B,S,V	30	24	6	32-8	125	M, N = Ch.; O, P = Al.; Bal = Cu.
32-91	B,S	54	54		32-64	–	A, C, E, G, J, L, N, P, S, U, W, Y, a, c, e, g, j, m = Ir.; B, D, F, H, K, M, O, R, T, V, X, Z, b, d, f, h, k, n = Con.; Bal = Cu.
32A401	S,V	40	40		32A40	–	13 = Al.; 13 = Ch.; 14 = Std.
32-408	A,S	30	24	6	32-8	–	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O = Ir.; P, R, S, T, U, V, W, X, Y, Z, a, b, c, d, e = Con.
36-53	B,S,V	47	40	7	36-7	45	U, V, W = Al.; X, Y, Z = Ch.; Bal = Cu.
36-56	B,S,V	48	48		36-10	–	A, C, E, G, L, J, H, P, R, T, V, X, Z, b, d, f, h, k, q, n, m, u, w, y = Con.; Bal = Cu.
36-57	B,S,V	47	46	1	36-8	–	W = Al.; f = Ch.; Bal = Cu.
36-58	B,S,V	35	35		36-15	–	H = Al.; G = Ch.; Bal = Cu.
36-61	B,S,V	35	35		36-15	–	A, C, E, J, K, L, M, N, P, R, T, V, f, X, Y, h, j, c = Con.; Bal = Cu.
36-62	B,S,V	48	48		36-10	–	A, C, E = Al.; B, D, F = Ch.; Bal = Cu.
36-82	B,S	52	52		36-52	–	v, g = Ir.; p, y, c = Con.; x = Ch.; Bal = Cu.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015

THERMOCOUPLE INSERT CONFIGURATIONS

THERMOCOUPLE INSERT	SOURCE (See Note)	TOTAL CONTACTS	CONTACT SIZE		BASIC INSERT	ROTATION (Degrees)	CONTACT MATERIAL
			#16	#12			
36-86	B,S	48	48		36-10	-	A, C, E, G, J, L, N, P, R, T, V, X = Al; B, D, F, H, K, M, O, Q, S, U, W, Y = Ch.; b, d, f, h, k, n, q, s, u, w, y = Con.; a, c, e, g, j, m, p, r, t, v, x, z = Cu.
36-88	B,S	52	52		88-52	-	A, C, E, H, K, M, P, S, U, W, Y, a, c, f, h, j, m, p, r, t, v, x, z, AB, AD, AF = Cu.; Bal = Con.
36-101	S,V	48	48		36-10	-	24 = Al.; 24 = Ch.
36-102	S,V	48	48		36-10	-	24 = Ch.; 24 = Con.
36-411	A,S	22	18	4	36-1	-	A, B, E, G, I, K, M, O, R, S, U = Ir.; C, D, F, H, P, L, N, P, T, V, W = Con.
36-412	A,S	22	18	4	36-1	-	A, B, E, G, I, K, M, O, R, S, U = Ch.; C, D, F, H, J, L, N, P, T, V, W = Al.
36-414	A,S	48	48		36-10	-	A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y = Ir.; Z, a, b, c, d, e, f, g, h, j, k, m, n, p, q, r, s, t, u, v, w, x, y, z = Con.
36-416	A,S	48	48		36-10	-	A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y = Cu.; Z, a, b, c, d, e, f, g, h, j, k, m, n, p, q, r, s, t, u, v, w, x, y, z = Con.
36-417	A,S	48	48		36-10	-	A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y = Ch.; Z, a, b, c, d, e, f, g, h, j, k, m, n, p, q, r, s, t, u, v, w, x, y, z = Con.
36-2011-16	C	18	18		-	-	Consult Manufacturer
40-58	B	85	85		40-56	-	A, C, E, H, K, M, P, S, U, W, Y, a, c, f, h, j, m, p, r, t, v, x, z, AB, AD, AF, AJ, AL, AN, AP, AS, AU, AW, AY, BA, BE, BH, BK, BM, BP, BS, BU = Ir.; Bal = Con.
40-58	S,V	31		31	40A31	-	15 = Al.; 16 = Ch.
40-59	B,S	85	85		40-56	-	A, C, E, H, K, M, P, S, U, W, Y, a, c, f, h, j, m, p, r, t, v, x, z, AB, AD, AF, AJ, AL, AN, AP, AS, AU, AW, AY, BA, BE, BH, BK, BM, BP, BS, BU = Ir.; Bal = Con.
40-77	B,S	60	60		40-53	-	B = Ch.; C = Con.; Bal = Cu. 55, 60 = Ir.; 57, 58, 59 = Con.; 56 = Ch.; Bal = Cu.
40-78	B,S	60	60		40-53	-	50, 51 = Ir.; 27, 28, 29, 31, 32, 34, 36, 37 = Con.; 25, 39, 40, 41 = Al.; 43, 44, 45, 46, 47, 48, 49, 52, 53, 54 = Ch.; Bal = Cu.
40-88	B,S	60	60		40-53	-	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59 = Con.; Bal = Cu.
40-AA	B,S	85	85		40-56	-	A, C, E, H, K, M, P, S, U, W, Y, a, c, f, h, j, m, p, r, t, v, x, z, AB, AD, AF, AJ, AL, AN, AR, AT = Cu.; B, D, F, J, L, N, R, T, V, X, Z, b, d, g, i, k, n, q, s, u, w, y, AA, AC, AE, AH, AK, AM, AP, AS = Con.; AU, AW, AY, BA, BC, BE, BH, BK, BM, BP, BS, BU = Ch.; AV, AX, AZ, BB, BD, BF, BJ, BL, BN, BP, BT, BV = Al.
44-57	B,S	104	104		44-52	-	A, C, E, G, J, L, etc. = Cu.; B, D, F, H, K, M, etc. = Con.
44-59	B,S	104	104		44-52	-	34 = Con.; 70 = Cu.
44-60	B,S	104	104		44-52	-	A, C, E, etc. = Ch. (52); B, D, F, etc. = Con. (52)
44-62	B,S	104	104		44-52	-	BY, BZ, CA, CB, CC, CD, CE, CR = Al.; CH, CJ, CK, CL, CM, CN, CP, CS = Ch.; Bal = Cu.

NOTE: Codes indicate Mil Spec or manufacturer's proprietary configurations per legend below.

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MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT SERVICE RATINGS

WIRE SERVICE DATA

CONTACT SIZE	WIRE SIZE	TEST CURRENT AMPS†	INSULATION O.D. LIMIT (INCHES)
16/16S	16	13	.064 min. to .130 max.
	18	10	
	20	7.5	
	22	5	
12	12	23	.114 min. to .170 max.
	14	17	
8	8	46	.159 min. to .255 max.
	10‡	33	
4	4	80	.280 min. to .370 max.
	6‡	60	
1/0	1/0	150	.400 min. to .550 max.
	2‡	100	

† Contact ratings as stated are test ratings only. The connector could not withstand full rated current through all contacts continuously. Please note that the electrical data given is not an establishment of electrical safety factors. This is left entirely in the designer's hands as he can best determine which peak voltage, switching surges, transients, etc. can be expected in a particular circuit.

‡ Requires a crimp adapter sleeve.

TABLE I.
CONTACT ARRANGEMENT SERVICE RATING

MS SERVICE RATING	RECOMMENDED OPERATING VOLTAGE★ AT SEA LEVEL		EFFECTIVE CREEPAGE DISTANCE NOM.	MECHANICAL SPACING NOM.
	DC	AC (RMS)		
Inst.	250	200	1/16	
A	700	500	1/8	1/16
D	1250	900	3/16	1/8
E	1750	1250	1/4	3/16
B	2450	1750	5/16	1/4
C	4200	3000	1	5/16

★ The values listed in Table I represent operating values which include a generous safety factor. It may be necessary for some applications to exceed the operating voltages listed here. If this is necessary, designers will find Table II useful for determining the degree to which the recommended values of Table I can be exceeded.

TABLE II
ALTITUDE VOLTAGE DERATING★★ CHART

MS SERVICE RATING	NOMINAL DISTANCE		STANDARD SEA LEVEL CONDITIONS		PRESSURE ALTITUDE† 50,000 FEET		PRESSURE ALTITUDE† 70,000 FEET	
	AIRSPACE	CREEPAGE	MINIMUM FLASHOVER VOLTAGE AC (RMS)	TEST VOLTAGE AC (RMS)	MINIMUM FLASHOVER VOLTAGE AC (RMS)	TEST VOLTAGE AC (RMS)	MINIMUM FLASHOVER VOLTAGE AC (RMS)	TEST VOLTAGE AC (RMS)
Inst.	1/32	1/16	1400	1000	550	400	325	260
A	1/16	1/8	2800	2000	800	600	450	360
D	1/8	3/16	3600	2800	900	675	500	400
E	3/16	1/4	4500	3500	1000	750	550	440
B	1/4	5/16	5700	4500	1100	825	600	480
C	5/16	1	8500	7000	1300	975	700	560

† Not corrected for changes in density due to variations in temperature.

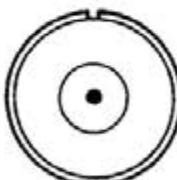
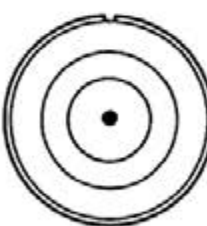
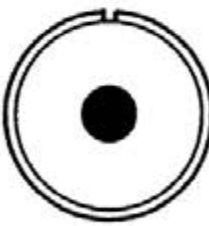
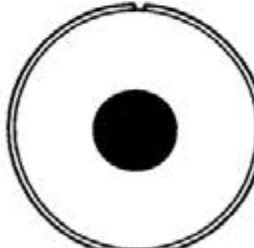
★★ No attempt has been made to recommend operating voltages. The designer must determine his own operating voltage by the application of a safety factor to the above derating chart to compensate for circuit transients, surges, etc.

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

1 CONTACT

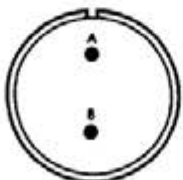
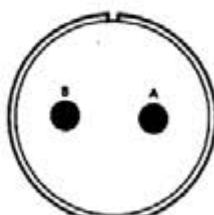
						
CONTACTS	8S-1 (M) 1-#16	10S-2 (M) 10S-656 (A) 1-#16	12S-4 (M) 1-#16	12-5 (M) 1-#12	14-3 (M) 1-#8	14S-4 (M) 1-#16
RATING	A	A	D	D	A	D For new MIL equip. design, use 12S-4
						
CONTACTS	16-2 (M) 1-#12	16S-3 (M) 1-#16	16-12 (M) 1-#4	18-6 (M) 1-#4	18-7 (M) 1-#8	18-16 (M) 1-#12
RATING	E	B	A	D	B	HIGH VOLTAGE
						
CONTACTS	18-61 (V) 1-#4 COAX	18-420 (A) 1-#12	20-2 (M) 1-#0	22-7 (M) 1-#0	24A1 (J, V) 1-#0	24-52 (B) 1-#12
RATING	D	HIGH VOLTAGE	D	E	B	HIGH VOLTAGE
						
CONTACTS	24-835 (A) 1-#12	28-2009-33 (C) 1-#12	28B1 (S) 1-#0	32A1 (J, S, V) 1-#4/0	36A1 (J, V) 36-01 (S) 1-#4/0	
RATING	HIGH VOLTAGE	HIGH VOLTAGE	E	A	C	

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

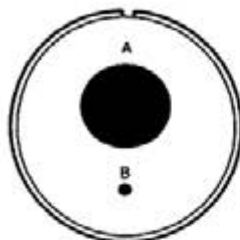
2 CONTACTS

						
CONTACTS	10SL-4 (MI) 2-#16	12S-3 (M) 2-#16	14S-9 (MI) 2-#16	16S-4 (M) 2-#16	16-11 (M) 16A11★ 2-#16	16-13 (M) 2-#16 Thermocouple
RATING	A	A	A For new MIL equip. design, use 12S-3	D	A	A
						
CONTACTS	18-3 (MI) 2-#12	18-14 (M) 1-#4 (A) 1-#16 (B)	20-5 (MI) 2-#16	20-12 (MI) 1-#16 (A) 1-#4 (B)	20-23 (MI) 2-#8	
RATING	D For new MIL equip. design, use 18-5	A	E	A For new MIL equip. design, use 18-14	A For new MIL equip. design, use 20-22	
						
CONTACTS	20-854 (A,S) 2-#12	22-1 (MI) 2-#8	22-3 (MI) 1-#16 (A) 1-#4 (B)	22-8 (MI) 2-#12	22-11 (M) 2-#16	
RATING		D For new MIL equip. design, use 22-2	D	E For new MIL equip. design, use 22-9	B	
						
CONTACTS	24-1 (MI) 1-#12 (A) 1-#8 (B)	24A2P (V) 2-#12	24-9 (MI) 2-#4	28-7 (MI) 2-#4		
RATING	D	HIGH VOLTAGE	A For new MIL equip. design, use 24-12	D For new MIL equip. design, use 28-5		

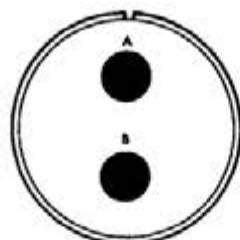
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

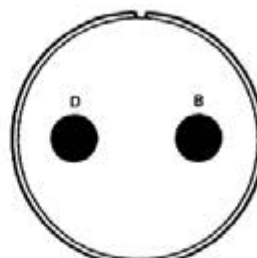
2 CONTACTS (CONT.)



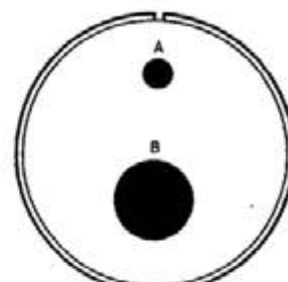
32A2 (V)
1-#16 (B)
1-#4/0 (A)



32-5 (MI)
2-#0



36A2 (J, V)
2-#0



40A2 (J, V)
1-#8 (A)
1-#4/0 (B)

CONTACTS

RATING

D
For new MIL equip.
design, use 32-1

A

B

3 CONTACTS



10SL-3 (M)
3-#16



14S-1 (MI)
14S-7 (M)
3-#16



16S-5 (MI)
3-#16



16S-6 (MI)
3-#16



16-7 (M)
2-#16 (A, B)
1-#8 (C)



16-10 (M)
3-#12

CONTACTS

RATING

A

A

A
For new MIL equip.
design, use 14S-7

A
For new MIL equip.
design, use 14S-7

A

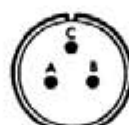
A



18-5 (M)
1-#16 (A)
2-#12 (B, C)



18-21 (MI)
3-#12



18-22 (MI)
3-#16



18-2005-36 (C)
3-#12



20-3 (MI)
3-#12

CONTACTS

RATING

D

A

D
For new MIL equip.
design, use 18-4

D

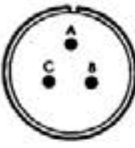
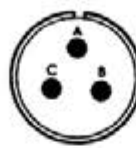
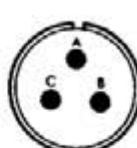
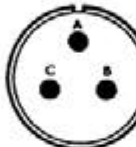
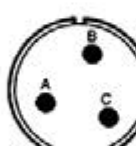
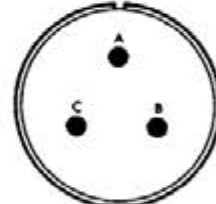
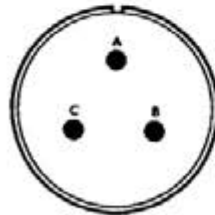
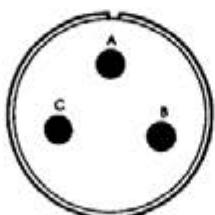
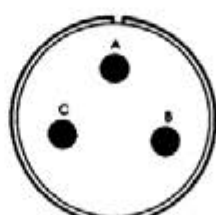
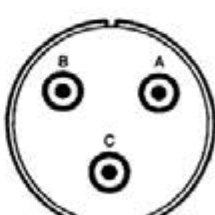
D
For new MIL equip.
design, use 20-4

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

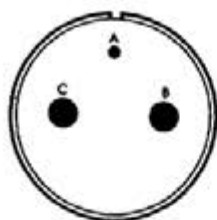
3 CONTACTS (CONT.)

					
CONTACTS	20-6 (MI) 3-#16	20-19 (MI) 3-#8	20-26 (MI) 3-#12	20-51 (B) 3-#8 (Solderless)	20-59 (B) 3-#8 (Solderless) for #10 or 12 wire
RATING	D For new MIL equip. design, use 18-4	A For new MIL equip. design, use 20-22	A	A	A
					
CONTACTS	20-86 (B) 3-#8 Coax	22-2 (M) 3-#8	22-6 (MI) 1-#16 (B) 2-#8 (A, C)	22-9 (M) 3-#12	22-21 (M) 2-#16 (B, C) 1-#0 (A)
RATING		D	D For new MIL equip. design, use 22-12	E	A
					
CONTACTS	22-25 (MI) 2-#16 (B, C) 1-#0 (A)	22-35 (MI) 3-#8	22-80 (B) 3-#8 (Solderless) for #10 or 12 wire	24-14 (MI) 2-#12 (B, C) 1-#0 (A)	28-3 (M) 3-#8
RATING	A	D	A	A	E
					
CONTACTS	28P3 (V) 3-#8	28-6 (MI) 3-#4	28-72 (B) 3-#4 Coax for RG-59A/U or RG-62A/U	28-880 (A) 3-RG-55,58/U Coax	
RATING	C	D For new MIL equip. design, use 28-22			

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

3 CONTACTS (CONT.)



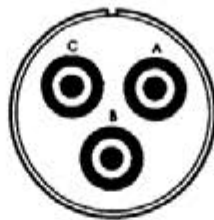
28-2009-5 (C)

1-#16(A)
2-#4 (B, C)

CONTACTS

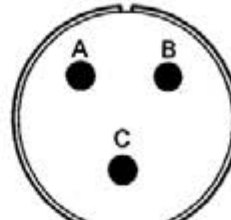
RATING

A



28-2009-43 (C)

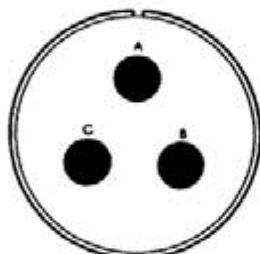
3 RG-62/U Coax



32A3

3-#4

E



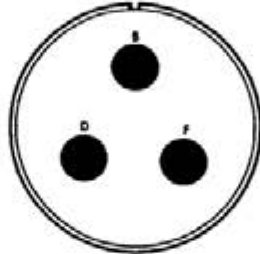
36-4 (M)

3-#0

CONTACTS

RATING

D (A); A (balance)
For new MIL equip.
design, use 36-3

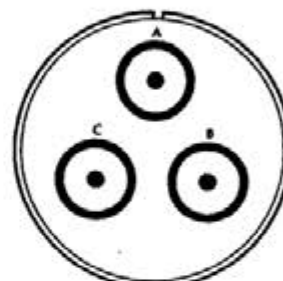


36A47 (C)

36-2011-47 (C)

3-#0

B



40-2012-34 (C)

3-RG-63/U Coax

4 CONTACTS

ILLUSTRATION
UNAVAILABLE
AT TIME OF
PUBLICATION



10SLA10 (C)

4-#16

CONTACTS

RATING

12SL-844 (A)

4-#16



12SA10 (B, C, V)

12S-2002-10 (C)

4-#16

A



14S-2 (M)

4-#16

INST.



16-9 (M)

2-#16 (B, D)
2-#12 (A, C)

A



16-59 (B)

4-#12

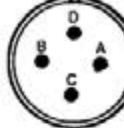
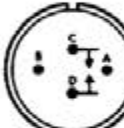
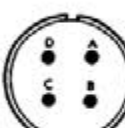
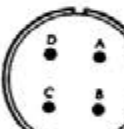
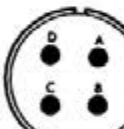
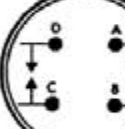
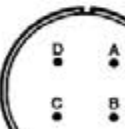
A

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

4 CONTACTS (CONT.)

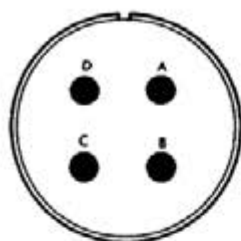
						
CONTACTS	18-4 (M) 4-#16	18-10 (MI) 4-#12	18-13 (M) 3-#12 (B, C, D) 1-#8 (A)	18-15 (M) 4-#12 Thermocouple	20-4 (M) 4-#12	20-10 (MI) 4-#16
RATING	D	A For new MIL equip. design, use 18-11	A	A	D	A
						
CONTACTS	20-13 (MI) 4-#16	20-20 (MI) 3-#12 (B, C, D) 1-#4 (A)	20-24 (MI) 2-#16 (A, C) 2-#8 (B, D)	20-2006-41 (C) 4-#12	22-4 (MI) 2-#12 (A, C) 2-#8 (B, D)	
RATING	A	A	A	A	A For new MIL equip. design, use 20-14	
						
CONTACTS	22-10 (M) 4-#16	22-22 (M) 22B22* 4-#8	24-4 (M) 3-#16 (B, C, D) 1-#0 (A)	24-18 (MI) 4-#16	24-22 (M) 4-#8	
RATING	E	A	A		D	
						
CONTACTS	24-710 (A) 4-#16	24-2008-5 (C) 1-#16 (A) 2-#12 (B, C) 1-#0 (D)	24-2008-7 (C) 4-#12	28-410 (A) 3-#16 (A, B, C) 1-#12	28-840 (A) 2-#8 (A, C) 2-#4 (B, E)	
RATING		A	B	D		

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

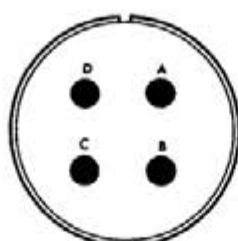
4 CONTACTS (CONT.)

MIL-C-5015
1F INSERT CONFIGURATIONS



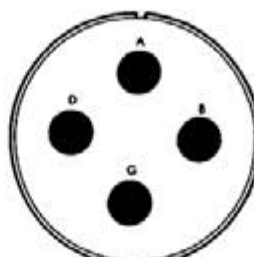
32-17 (M)

4-#4



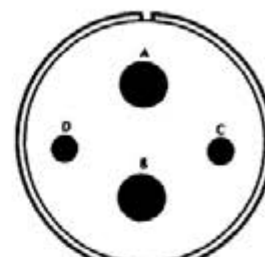
32-58 (B)

4-#4 Coax
for RG-161/U or RG-179/U



36-5 (M)

4-#0



36-51 (B,S)

2-#4 (C, D)
2-#0 (A, B)

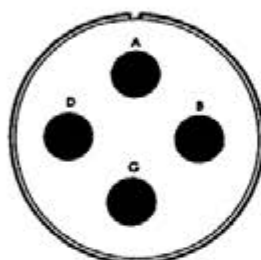
CONTACTS

RATING

D

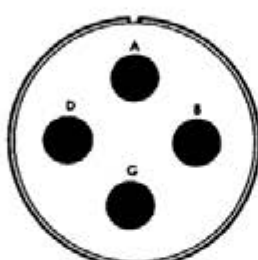
A

D



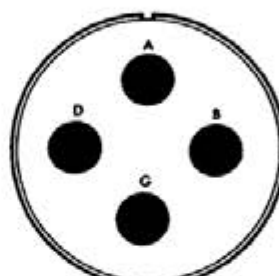
36-64 (B)

4-#0 Coax
for RG-11/U, RG-12/U



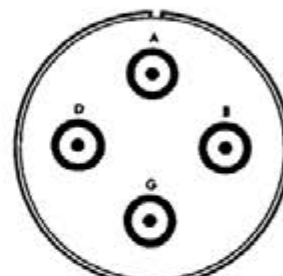
36-65 (B)

4-#0 Coax
for RG-59/U, RG-62/U, RG-71/U



40A28 (C)

40-2012-28 (C)
4-#0



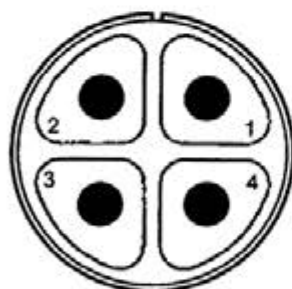
40A41 (C)

4 RG-63/BU Coax

CONTACTS

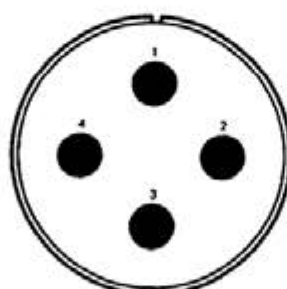
RATING

A



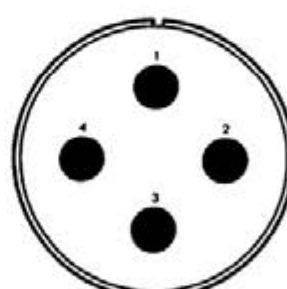
40B4

4-#0



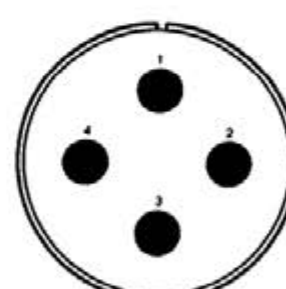
40-57 (B,S)

4-#0



40-66 (B)

4-#0 Coax
for RG-63B/U



40-86 (B)

4-#0 coax
for RG-115A/U

CONTACTS

RATING

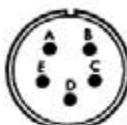
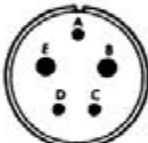
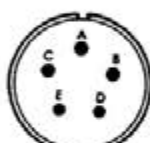
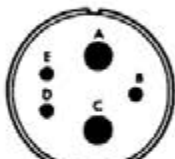
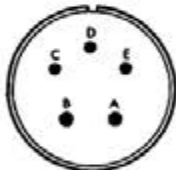
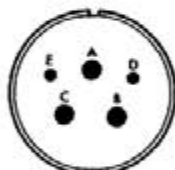
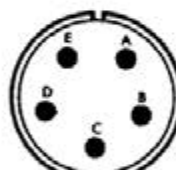
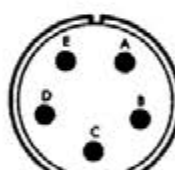
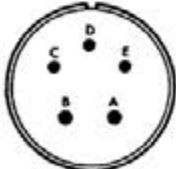
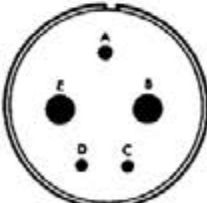
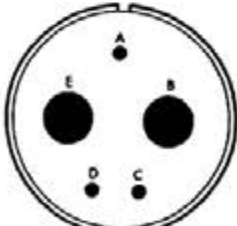
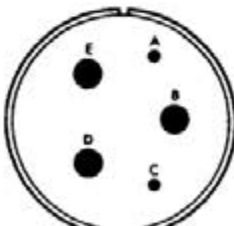
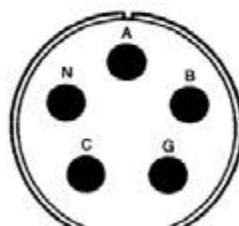
E

E

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

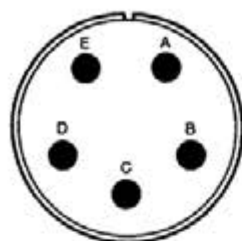
5 CONTACTS						
						
CONTACTS	10SLA4 (C) 10SL-2001-4 (C) 5-#20	14S-5 (M) 5-#16	16S-8 (M) 5-#16	18-11 (M) 5-#12	18-20 (MI) 5-#16	18-29 (MI) 5-#16
RATING	A	INST.	A	A	A For new MIL equip. design, use 16S-8	A For new MIL equip. design, use 16S-8
						
CONTACTS	20-14 (M) 3-#12 (C, D, E) 2-#8 (A, B)	22-12 (M) 3-#16 (A, C, D) 2-#8 (B, E)	22-13 (MI) 1-#16 (E) 4-#12 (A-D)	22-34 (MI) 2-#16 (D, E) 3-#12 (A, B, C)	24-12 (M) 3-#12 (B, D, E) 2-#4 (A, C)	
RATING	A	D	A (A, D); D (E) For new MIL equip. design, use 22-15	D	A	
						
CONTACTS	24-17 (MI) 3-#16 (C, D, E) 2-#12 (A, B)	24-23 (MI) 2-#16 (D, E) 3-#8 (A, B, C)	24-51 (B) 5-#8 (Solderless) B, E for AN #10 or 12 wire A, C, D, for AN #8 wire	24-53 (B) 5-#8 Solderless	24-79 (B,S) 5-#8	
RATING	D For new MIL equip. design, use 22-5	D	A	A	A	
						
CONTACTS	24-620 (A) 3-#16 (C, D, E) 2-#12 (A, B)	28-5 (M) 2-#16 (C, D) 1-#12 (A) 2-#4 (B, E)	32-1 (M) 3-#12 (A, C, D) 2-#10 (B, E)	32-2 (M) 2-#16 (A, C) 3-#4 (B, D, E)	32A5 (J, V) 5-#0	
RATING		D	E (A); D (balance)	E	A	

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

5 CONTACTS (CONT.)



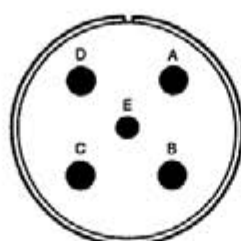
32-63 (M)

5-#4

CONTACTS

D

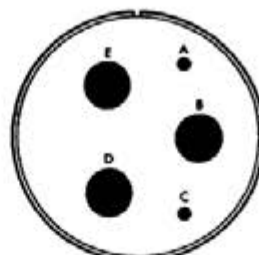
RATING



32-79 (B,S)

1-#8 (E)
4-#4 (A-D)

A

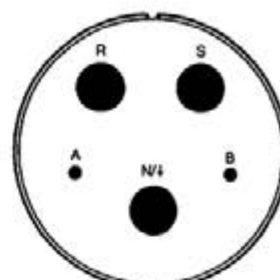


36-2 (M)

2-#12 (A, C)
3-#0 (B, D, E)

D

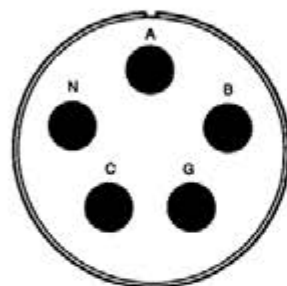
For new MIL equip.
design, use 36-3



40A3 (S,V)

1-#0 (M)
2-#0
2-#12

A



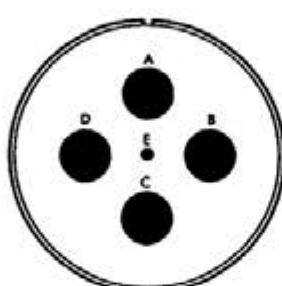
40A5 (S,V)

5-#0

CONTACTS

A

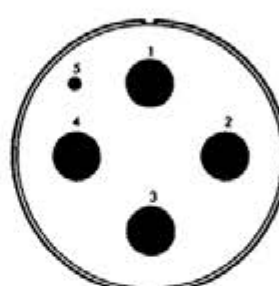
RATING



40A40 (C)

1-#16 (E)
4-#0 (A, D)

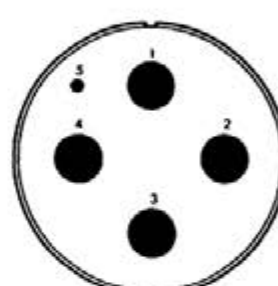
A



40-75 (B)

1-#12 (5)
4-#0 (1-4)

D



40C75 (C)

1-#12 (5)
4-#0 (1-4)

E

6 CONTACTS



14S-6 (M)

6-#16

CONTACTS

INST.

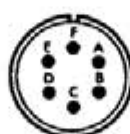
RATING



18-06 (A,S,V)

2-#16 (E, F)
4-#12 (A-D)

A

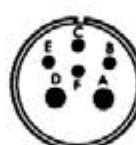


18-12 (M)

6-#16

A

For new MIL equip.
design, use 16S-1



20-8 (M)

4-#16 (B, C, E, F)
2-#8 (A, D)

INST.



20-17 (M)

1-#16 (F)
5-#12 (A-E)

A



20-22 (M)

3-#16 (B, D, F)
3-#8 (A, C, E)

A

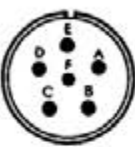
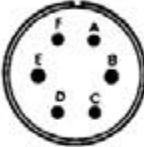
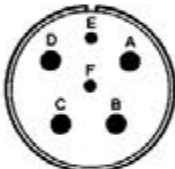
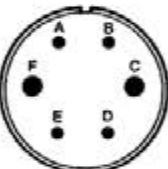
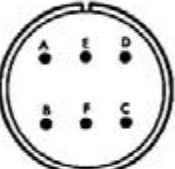
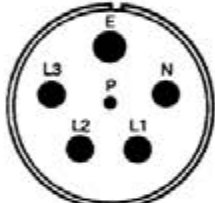
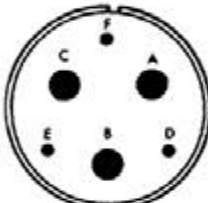
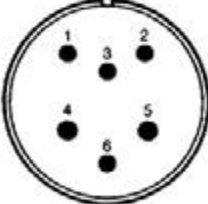
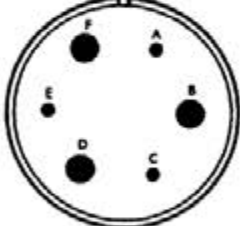
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

6 CONTACTS (CONT.)

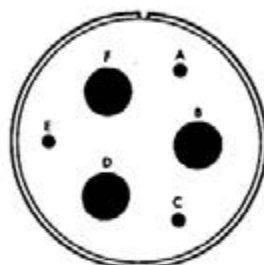
					ILLUSTRATION UNAVAILABLE AT TIME OF PUBLICATION
	20-66 (B)	22-5 (M)	22-15 (M)	22-24 (MI)	22-871 (A)
CONTACTS	1-#16 (F) 5-#12 (A, B, C, D, E) for #10 wire	4-#16 (A, C, D, F) 2-#12 (B, E)	1-#16 (D) 5-#12 (A, B, C, E, F)	4-#16 (A, C, D, E) 2-#12 (B, F)	4-#16 2-#12
RATING		D	A (A, B, C, E, F) E (D)	A (A, B, F); D (C, D, E) For new MIL equip. design, use 22-5	A
					
	24-06 (A,S,V)	24A6 (V)	24-865 (A)	28A6 (V)	28-22 (M)
CONTACTS	2-#16 (E, F) 4-#8 (A, B, C, D)	4-#12 (A, B, D, E) 2-#8 (C, F)	6-#16	1-#16 (P) 4-#8 (L1, L2, L3, N) 1-#4 (E)	3-#16 (D, E, F) 3-#4 (A, B, C)
RATING	D	D		A	D
	ILLUSTRATION UNAVAILABLE AT TIME OF PUBLICATION				
	28A64 (C)	28-82 (B,S)	28-2009-15 (C)	32A43 (C)	
CONTACTS	4-#8 2-#4	4-#12 (1, 2, 3, 6) 2-#8 (4, 5)	3-#16 (B, D, E) 1-#12 (C) 1-#8 (A), 1-#10 (F)	3-#12 (A, C, E) 3-#4 (B, D, F)	
RATING		D	A	D	

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

6 CONTACTS (CONT.)



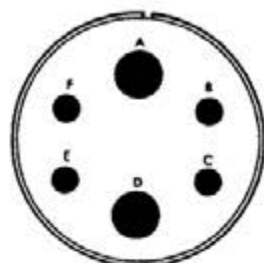
36-3 (M)

CONTACTS

3-#12 (A, C, E)
3-#0 (B, D, F)

RATING

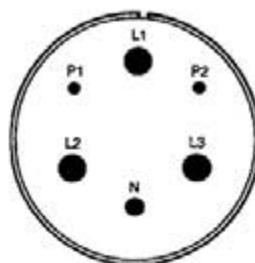
D



36-6 (M)

4-#4 (B, C, E, F)
2-#0 (A, D)

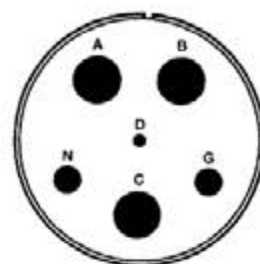
A



36B6 (V)

2-#16 (P1, P2)
1-#12 (N)
3-#8 (L1, L2, L3)

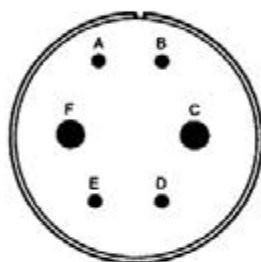
B



36A51 (S,V)

1-#16 (D)
2-#4 (G, N)
3-#0 (A, B, C)

D



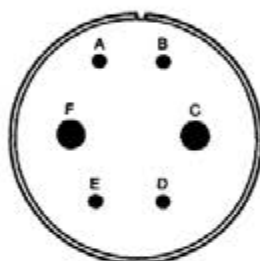
36A61 (V)

CONTACTS

4-#12 (A, B, D, E)
2-#4 (C, F)

RATING

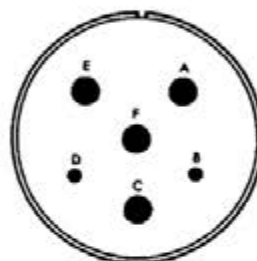
E



36B61 (V)

4-#12 (A, B, D, E)
2-#4 (C, F)

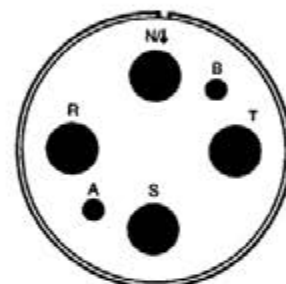
E



36A93 (C)

2-#12 (B, D)
4-#4 (A, C, E, F)

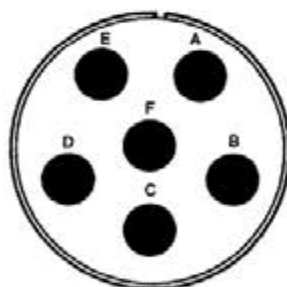
A



40A4 (J,S,V)

2-#12 (A, B)
4-#0 (N, R, S, T)

A



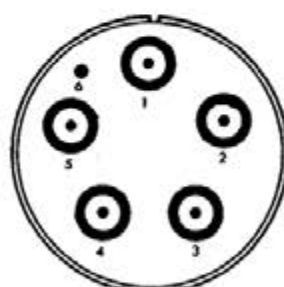
40-60 (A,S)

CONTACTS

6-#0

RATING

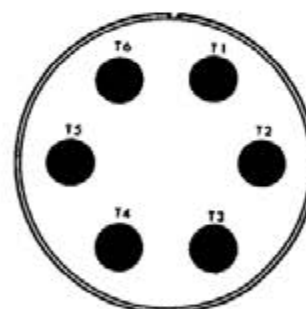
A



40-74 (B)
40C74 (C)

4 RG-214/U coax (1-4)
1 RG-62/U coax (5)
1-#12(6)

A



44-2013-26 (C)

6-#0

B

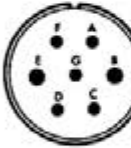
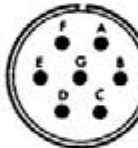
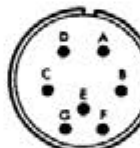
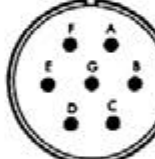
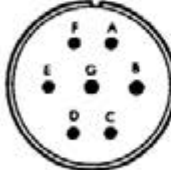
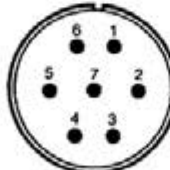
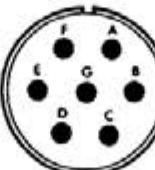
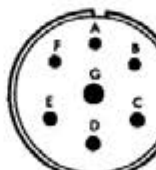
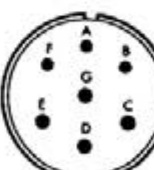
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

7 CONTACTS

						
CONTACTS	14-07 (S) 7-#16	14SA7 (V) 7-#16	14S-2003-17 (C) 7-#16	16S-1 (M) 7-#16	16SA18 (C) 16S-2004-18 (C) 7-#16	16SA19 (C) 16S-2004-19 (C) 7-#16
RATING	A	A	A	A	A	A
						
CONTACTS	16SA20 (C) 16S-2004-20 (C) 7-#16	16SA21 (C) 16S-2004-21 (C) 7-#18	18-9 (M) 5-#16 (B, C, E, F, G) 2-#12 (A, D)	20A7 (V) 7-#18	20-15 (M) 7-#12	20-57 (B) 7-#12 (Solderless) for #14 or 16 wire
RATING	A	A	INST.	D	A	A
						
CONTACTS	22-26 (MI) 5-#16 (A, C, D, F, G) 2-#12 (B, E)	22-28 (MI) 7-#12	22-29 (MI) 6-#16 (A, B, C, D, E, F) 1-#4 (G)	22-33 (MI) 7-#16	24-2 (M) 7-#12	
RATING		A For new MIL equip. design, use 22-33	A	A (E-G); D (A-D)	D	
						
CONTACTS	24-3 (MI) 5-#16 (A, C-F) 2-#12 (B, G)	24-07 (A,S) 24A7 (V) 7-#12	24-10 (M) 7-#8	24-16 (M) 3-#16 (A, B, F) 3-#12 (C, D, E) 1-#8 (G)	24-27 (M) 7-#16	
RATING	D For new MIL equip. design, use 24-20	D	A	A (C-E); D (A, B, F, G)	E	

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

7 CONTACTS (CONT.)

MIL-C-5015
1F INSERT CONFIGURATIONS



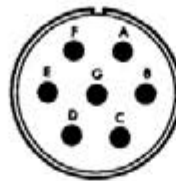
24A49(C)

7 Microdot 93-3913
Coaxial Contacts

CONTACTS

RATING

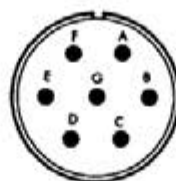
INST.



24-60 (B)

7-#8 (Solderless)
for #10 or 12 wire

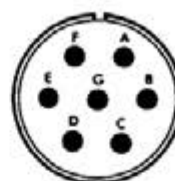
A



24-66 (B,S)

7-#12

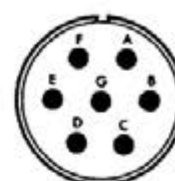
A



24-71 (B)

2-#8 (Solderless)
5-#8 for #10 or 12 wire
(Solderless)

A



24-75 (B)

5-#8 (Solderless)
2-#8 for #16 wire
(Solderless)

A



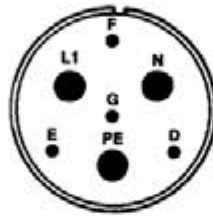
24-85 (B)

#8 Coax

CONTACTS

RATING

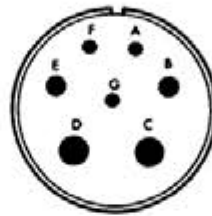
INST.



28A7 (V)

4-#16 (D, E, F, G)
3-#4 (L1, N, PE)

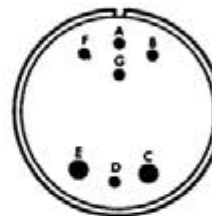
A



28-10 (M)

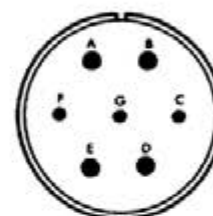
3-#12 (A, F, G)
2-#8 (B, E)
2-#4 (C, D)

D (G); A (balance)



28-833 (A)

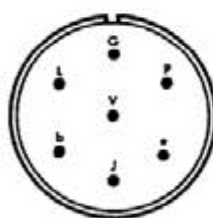
5-#16 (A, B, D, F, G)
2-#8 (C, E)



28-2009-32 (C)

3-#12 (C, F, G)
4-#8 (A, B, D, F)

E



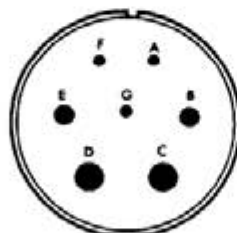
28-2009-37 (C)

7-#16

CONTACTS

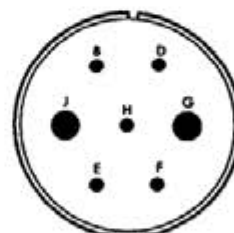
RATING

D



32-10 (MI)

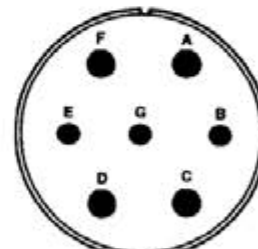
3-#16 (A, F, G)
2-#8 (B, E)
2-#4 (C, D)
A (C, D); B (G)
D (B, E); E (A, F)



32-14 (MI)

5-#12 (B, D, E, F, H)
2-#4 (G, J)

D



36A50 (C)
36-2011-50 (C)

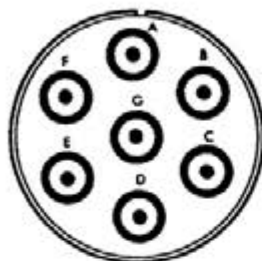
3-#8 (B, E, G)
4-#4 (A, C, D, F)

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

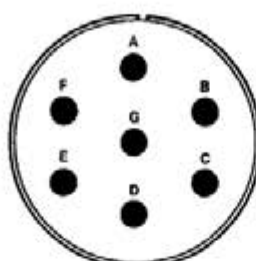
7 CONTACTS (CONT.)



36-73 (B)
36-2011-83 (C)
7RG-62/BU Coax

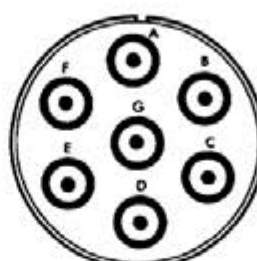
CONTACTS

RATING

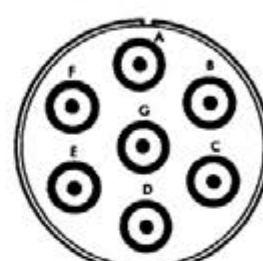


36-77 (B)
7-#4

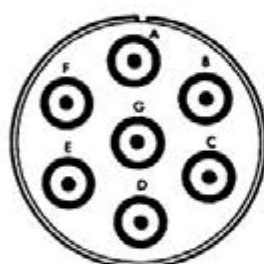
D



36-83 (B)
36A89 (C)
7RG-58C/U Coax



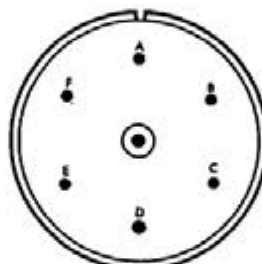
36A83 (C)
36-2011-83 (C)
7RG-62/U Coax



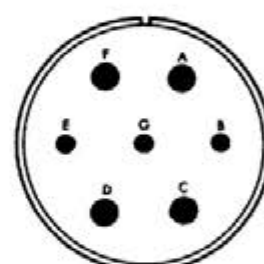
36A86 (C)
7RG-180/U Coax

CONTACTS

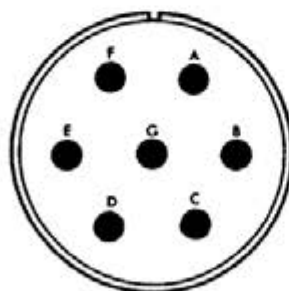
RATING



36-853 (A)
5-#16 (A, B, D, E, F)
2-#12 (D, blank)



36-2011-50 (C)
3-#8 (B, E, G)
4-#4 (A, C, D, F)

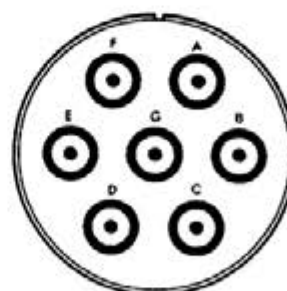


40-87 (B,S)
7-#4

CONTACTS

RATING

D



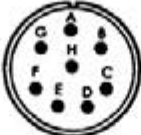
40-2012-32 (C)
7RG-71/U Coax

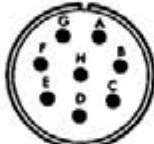
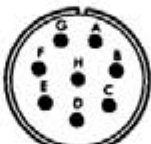
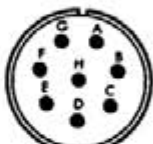
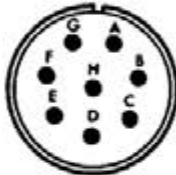
MIL-C-5015

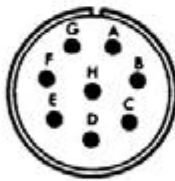
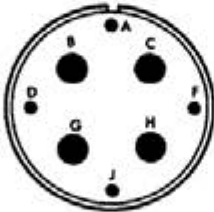
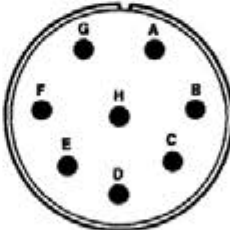
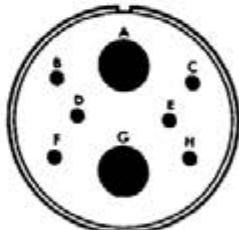
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

8 CONTACTS

						
CONTACTS	16S-2004-22(C) 8-#18	18-8(M) 7-#16 (A-G) 1-#12 (H)	20-7(M) 8-#16	20A8(V) 6-#16 (A, C, D, E, G, H) 2-#8 (B, F)	20-9(M) 7-#16 (A-G) 1-#12 (H)	20-79(B) 7-#16 (A-G Solderless) 1-#12 (H) for #16 wire (Solderless)
RATING	INST.	A	A (C-F) D (A, B, G, H)	I	A (A-G); D (H)	A (A-G); D (H)

					
CONTACTS	22-18(M) 8-#16	22-23(M) 8-#12	22-36(M) 8-#12 Thermocouple	22-65(B) 8-#12 (Solderless)	24-6(M) 8-#12
RATING	A (C-E) D (balance)	D (H); A (balance)	A (A-G); D (H)	A (A-G); D (H)	D (A, G, H) A (balance)

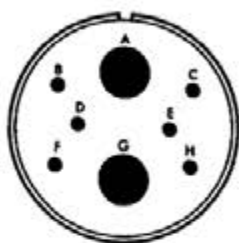
				
CONTACTS	24A8(V) 8-#16	28-2009-38(C) 4-#16 (A, D, F, J) 4-#4 (B, C, G, H)	32A8(J, V) 8-#8	32-15(M) 6-#12 (B, F, H) 2-#0 (A, G)
RATING	HIGH VOLTAGE	D	A	D

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

8 CONTACTS (CONT.)



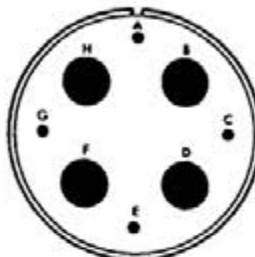
32-57 (B)

6-#12 (B, F, H)
2-#0 Coax (A, G)

CONTACTS

RATING

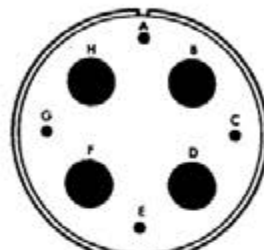
D



36A35 (C)

36-2011-35 (C)
4-#16 (A, C, E, G)
4-#0 (B, D, H, F)

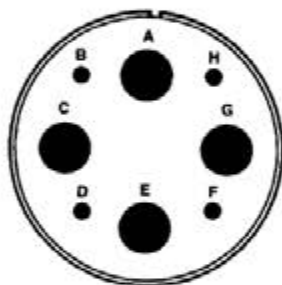
A



36A41 (C)

36-2011-41 (C)
4-#12 (A, C, E, G)
4-#0 (B, D, H, F)

A



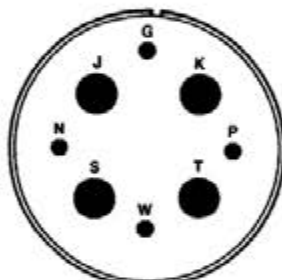
40A8 (V)

4-#16 (B, D, F, H)
4-#0 (A, C, E, G)

CONTACTS

RATING

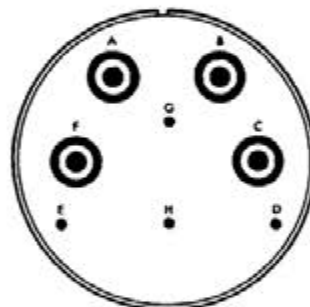
E



40A10 (J,S,V)

4-#16 (G, N, P, W)
4-#4 (J, K, S, T)

D



44-2013-19 (C)

4-#16 (D, E, G, H)
1 RG-71/U Coax, (A)
3 RG-59/U Coax, (B, C, F)

B (H); D (G); E (D, E)

9 CONTACTS



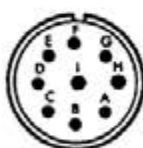
20A9 (J,S,V)

9-#12

CONTACTS

RATING

D (J)
A (balance)



20-16 (M)

7-#16 (A-G)
2-#12 (H, I)

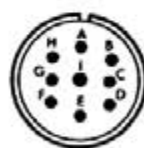
A



20-18 (M)

6-#16 (A, C, D, E, G, H)
3-#12 (B, F, I)

A



20-21 (M)

6-#16 (A-H)
1-#12 (I)

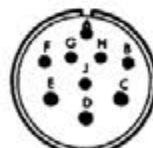
A



22A9 (V)

9-#16

D (1, 2, 3)
A (balance)



22-16 (MI)

6-#16 (A, B, F-J)
3-#12 (C, D, E)

A
For new MIL equip.
design, use 20-18

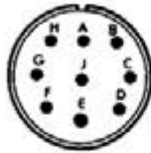
MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

9 CONTACTS (CONT.)

MIL-C-5015
1F INSERT CONFIGURATIONS



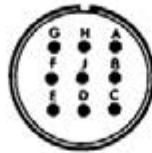
22-17(M)

8-#16 (A-D, F-J)
1-#12 (E)

CONTACTS

RATING

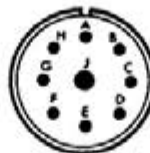
D (A); A (balance)



22-20(MI)

9-#16

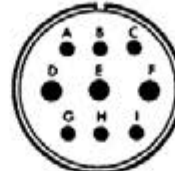
A
For new MIL equip.
design, use 20-33



22-27(M)

8-#16 (A-H)
1-#8 (J)

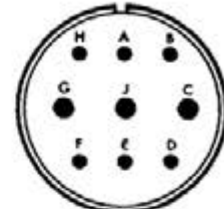
D (J); A (balance)



24-11(M)

6-#12 (A-C, G-I)
3-#8 (D, E, F)

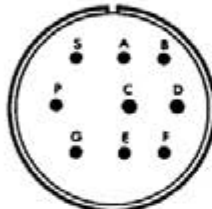
A



28-1(M)

6-#12 (A, B, D, E, F, H)
3-#8 (C, J, G)

D (A, E, J)
A (balance)



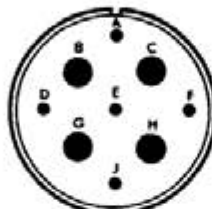
28-4(M)

7-#16 (A, B, E, F, G, P, S)
2-#12 (C, D)

CONTACTS

RATING

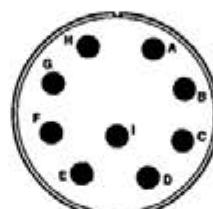
E (G, P, S)
D (balance)



28A9(J, V)
28-09(S)

5-#16 (A, D, E, F, J)
4-#4 (B, C, G, H)

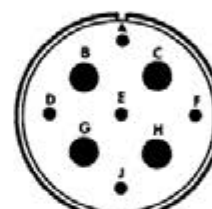
D



28-84(B, S)

9-#8

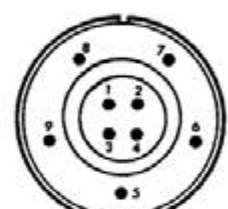
A



28-2009-16(C)

5-#16 (A, D, E, F, J)
4-#4 (B, C, G, H)

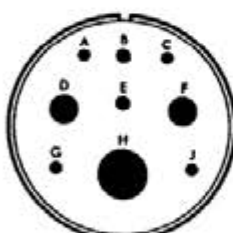
A



28-2009-53(C)

9-#16

HIGH VOLTAGE



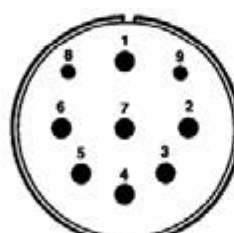
32-3(M)

4-#16 (A, C, G, J)
2-#12 (B, E)
2-#4 (D, F), 1-#0 (H)

CONTACTS

RATING

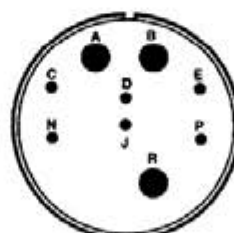
D



32-75(B)

2-#12 (8, 9)
7-#8 Coax, (1-7)

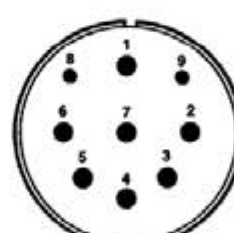
D (8, 9)



32-689(S)

6-#16 (C, D, E, J, N, P)
3-#4 (A, B, R)

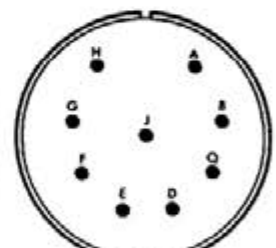
A



32-87(B)

2-#12 Coax, (8, 9)
7-#8 Coax, (1-7)

D (8, 9)



36-2011-37(C)

9-#12

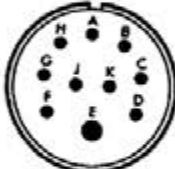
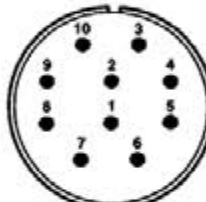
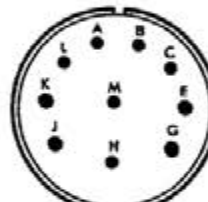
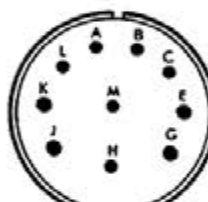
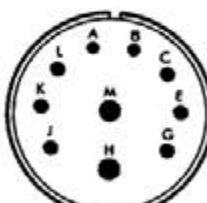
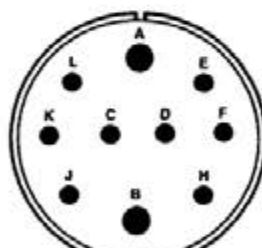
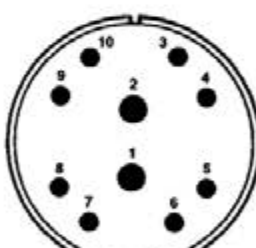
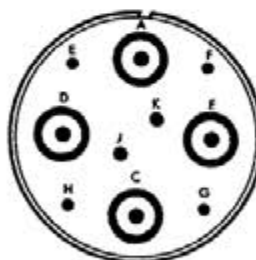
E

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

10 CONTACTS

					
CONTACTS	16A10 (J,S,V) 10-#18	18-1 (M) 10-#16	18-19 (MI) 10-#16	20-58 (B,S) 5-#16 (F-L) 5-#12 (A-E)	22A10 (J, V) 10-#16
RATING	A	A (B, C, F, G) INST. (balance)	A For new MIL equip. design, use 18-1	A	A
					
CONTACTS	24-21 (M) 9-#16 (A-D, F-K) 1-#8 (E)	28A10 (J, V) 10-#12	28-19 (M) 5-#16 (A, B, C, H, L, M) 4-#12 (E, G, J, K)	28-702 (A) 5-#16 (A, B, C, H, L) 4-#12 (E, G, J, K) 1-#16 (H, V, M)	
RATING	D	D	A (C, E, G, J, K, L) B (H, M); D (A, B)		
					
CONTACTS	28-766 (A) 2-#16 (A, B) 6-#12 (C, E, G, J, K, L) 2-#8 (H, M)	36A10 (J, V) 8-#16 (C, D, E, F, H, J, K, L) 2#4 (A, B)	36B10 (J, V) 8-#8 (3-10) 2#4 (1, 2)	36A71 (C) 36-2011-71 (C) 4-#16 (E, F, G, H) 2-#12 (J, K) 4 RG-71/U Coax, (A-D)	
RATING		A	A	A	

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

11 CONTACTS

CONTACTS	20-31 (MI) 11-#16	20-33 (M) 11-#16	24A11 (V) 9-#16 (A, B, D, E, F, H, J, K, L) 2-#8 (C, G)	24-20 (M) 9-#16 (A-D, G-L) 2-#12 (E, F)	28-14 (MI) 11-#16
RATING	A	A	A	D For new MIL equip. design, use 28-2	D

CONTACTS	40-67 (B) 1-#16 (M) 10 RG-59/U Coax, (A-L)	40C67 (C) 1-#16 (M) 10 RG-62/U Coax, (A-L)	40-72 (B) 1-#16 (M) 10 RG-98/U Coax, (A-L)	40-80 (B,S) 1-#16 (M) 10-#4 (A-L)
RATING	A	A	A	A

12 CONTACTS

CONTACTS	22-63 (B,S) 8-#16 (E-L) 4-#12 (A-D)	24-19 (MI) 12-#16	24A24 (C) 24-2008-24 (C) 12-#12	24-684 (A) 12-#16	28-8 (M) 10-#16 (A-K) 2-#12 (L, M)
RATING	A	A	A	A	D (B); E (L, M) A (balance)

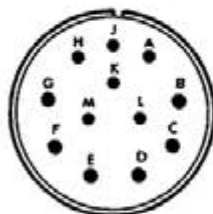
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

12 CONTACTS (CONT.)



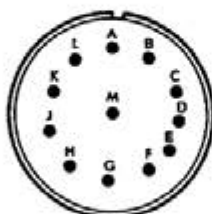
28-9 (M)

6-#16 (A, H, M)
6-#12 (B-G)

CONTACTS

RATING

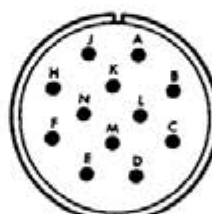
D



28-18 (M)

12-#16

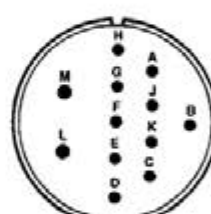
A (A, B); C (M)
D (G, L); INST. (C-F)



28-51 (B,S,V)

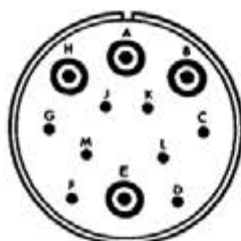
12-#12

A



28-767 (A)

7-#16 (D-K)
5-#12 (A, B, C, L, M)



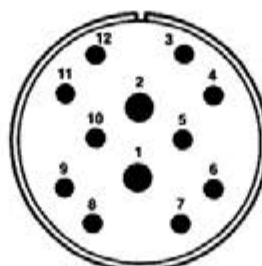
32-101 (M)

10-#16
2 RG-59, 62/U coax

CONTACTS

RATING

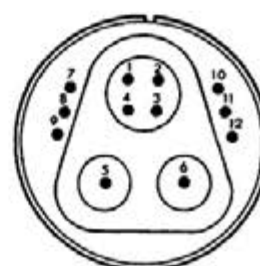
C (A, E); D (balance)



36A12 (J, V)

10-#8 (3 thru 12)
2-#4 (1, 2)

A



36-2011-77 (C)

12-#16

This arrangement is available in silicone monobloc insulator only for EX-A connector.

13 CONTACTS



20-11 (M)

13-#16

CONTACTS

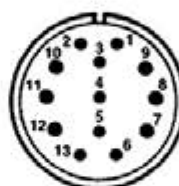
RATING

INST.



22-70 (B,S)

5-#16 (K-P)
8-#12 (A-J)



24-013 (A,S,V)

7-#16 (1-6, 13)
6-#12 (7-12)

A



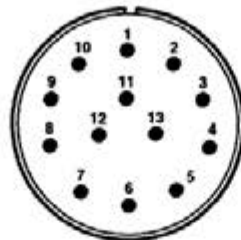
24-58 (B,S)

7-#16 (H-P)
3-#12 (D, E, F); 3-#8 (A, B, C)

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

13 CONTACTS (CONT.)

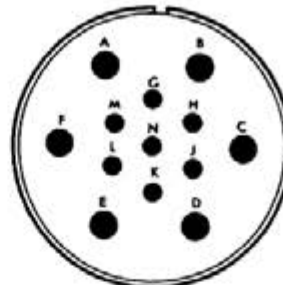


32-013 (A,S)
32A13 (B, J, V)
13-#12

CONTACTS

RATING

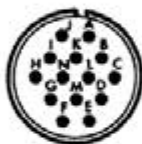
D



40A33 (C)
40-2012-33 (C)
7-#8 (G-N)
6-#4 (A-F)

A

14 CONTACTS

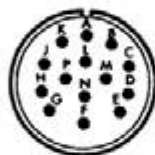


20-27 (M)
14-#16

CONTACTS

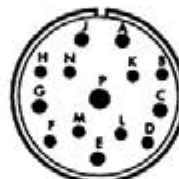
RATING

A



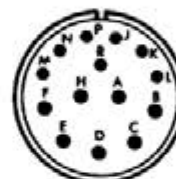
22-19 (M)
14-#16

A



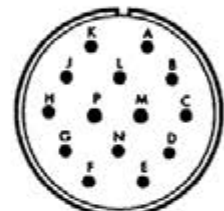
24A42 (C)
24-2008-42 (C)
8-#16 (B, D, F, K-N)
5-#12 (A, C, E, G, J)
1-#8 (P)

A



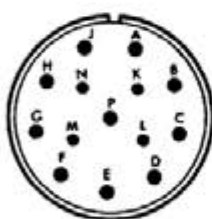
24-59 (B,S)
7-#16 (J-R)
7-#12 (A-H)

A



28-2 (M)
12-#16 (A, L, N)
2-#12 (M, P)

D

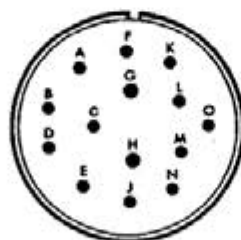


28-20 (M)
4-#16 (K-N)
10-#12 (A-J,P)

CONTACTS

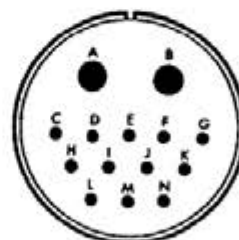
RATING

A



32-4 (M)
12-#16 (A-F, J-O)
2-#12 (G, H)

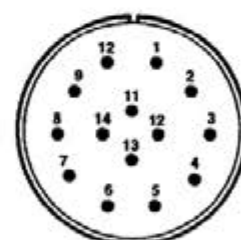
A (F, J, K, N,
D (balance)



32-9 (M)
12-#16 (C-N)
2-#4 (A, B)

D

For new MIL equip.
design, use 28-2



32A14 (V)
14-#16

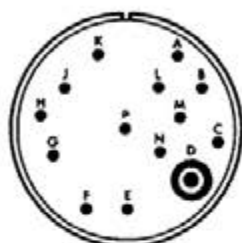
HIGH VOLTAGE

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

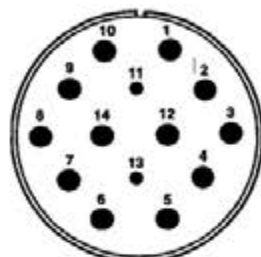
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

14 CONTACTS (CONT.)



32-102 (M)

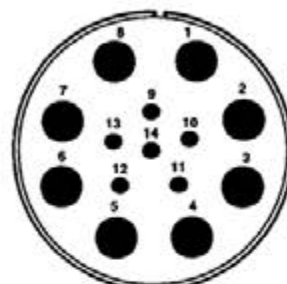
13-#16
1 RG-58, 62/U Coax



36-78 (B)

36B78 (V)
12-#16 (11, 13)
12-#8 (1-10, 12, 14)

A



40A14 (J, V)

6-#12 (9 thru 14)
8-#4 (1 thru 8)

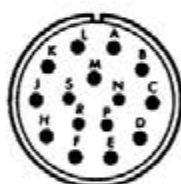
A

CONTACTS

RATING

A (C, G, H, J, M, N)
B (E); D (balance)

15 CONTACTS



24-65 (B, S)

4-#16 (N-S)
11-#12 (A-M)

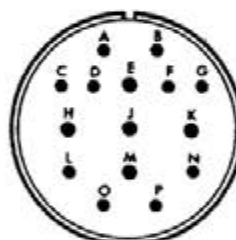
A



28-17 (M)

15-#16

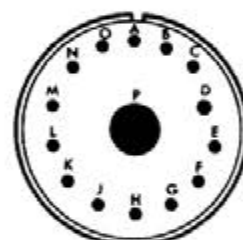
A (A-L); B (R)
D (M-P)



32-12 (MI)

10-#16 (A-D, F, G, L, N-P)
5-#12 (E, H, J, K, M)

A (C-G); D (balance)
For new MIL equip.
design, use 32-13



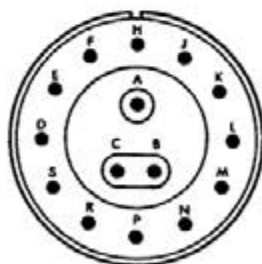
32-2010-11 (C)

13-#16 (A-C, E-O)
1-#12 (D)
1-#0 (P)

A

CONTACTS

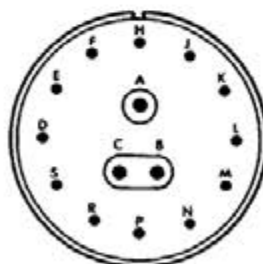
RATING



36-405 (A)

15-#12

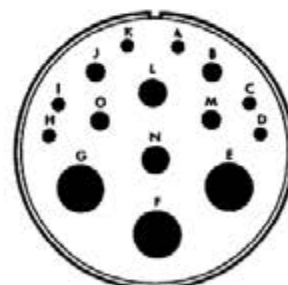
HIGH VOLTAGE



36-407 (A)

12-#16 (D-S)
3-#12 (A, B, C)

HIGH VOLTAGE



40-5 (M)

6-#12 (C, D, H, I, K)
4-#8 (B, J, M, O)
2-#4 (L, N), 3-#0 (E, F, G)

D

CONTACTS

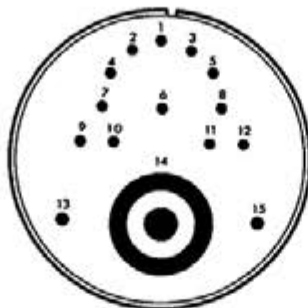
RATING

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

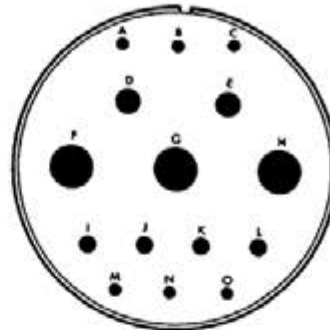
15 CONTACTS (CONT.)



44-2013-16 (C)

12-#16 (1-12)
2-#12 (13-15)
1 RG-77/U coax, (14)

A



48-1 (M)

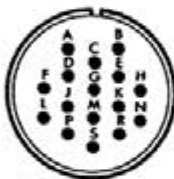
6-#12 (A-C, M-O)
4-#8 (I-L), 2-#4 (D,E)
3-#0 (F-H)

E (B, N); D (balance)

CONTACTS

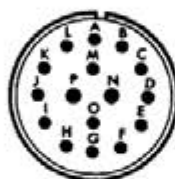
RATING

16 CONTACTS



24-5 (Mi)

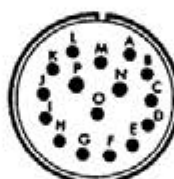
16-#16



24-7 (M)

14-#16 (A-M,O)
2-#12 (N-P)

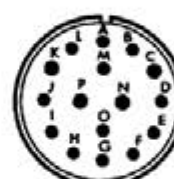
A



24A40 (C,S)
24-2008-40 (C)

14-#16 (A-M, O)
2-#12 (N-P)

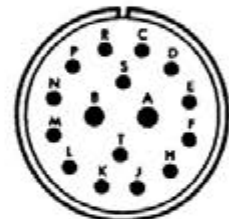
A



24-2008-47 (C)

12-#16 (A, B, D-J, L, M-O)
4-#12 (C, K, N, P)

A



28-66 (B)

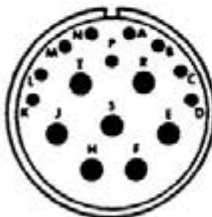
14-#12 (C-S)
2-#8 (A, B)

A

CONTACTS

RATING

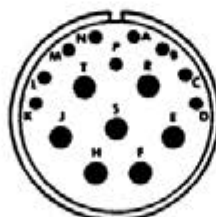
A
For new MIL equip.
design, use 22-14



28-74 (B)

9-#16 (A-D, K-P Solderless)
4-#8, 3-#8 for #10 wire
(E-J, R, S, T Solderless)

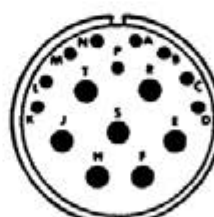
A



28-75 (B)

9-#16 (A-D: K-P Solderless)
7-#8 for #10 wire
(E-J, R, S, T Solderless)

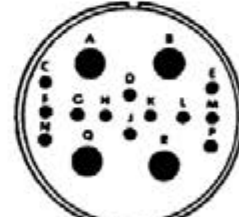
A



28-79 (B,S)

9-#16 (A-D, K-P)
7-#8 (J, R, S, T)

A



32-68 (B,J,P,S,V)
32-82 (A,B,P)

12-#16 (C-P)
4-#4 Coax, (A, B, Q, R) for RG-58C/U

A

CONTACTS

RATING

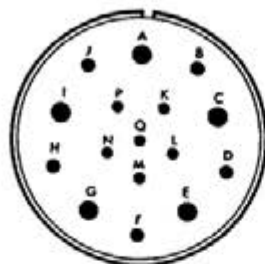
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

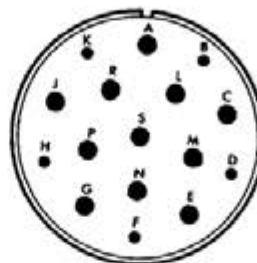
16 CONTACTS (CONT.)



36-14(MI)

6-#16 (K-Q)
5-#12 (B, D, F, H, J)
5-#8 (A, C, E, G, I)

D



36A70 (C)
36-2011-70(C)

5-#16 (B, D, F, H, K)
11-#8 (A, C, E, G, J, L-S)

A

CONTACTS

RATING

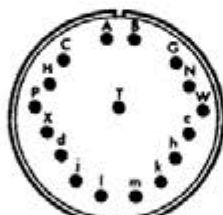
17 CONTACTS



20-29(M)

17-#16

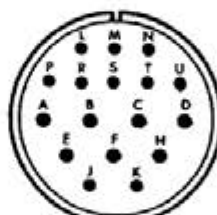
A



28A45 (C)
28-2009-45 (C)

17-#16

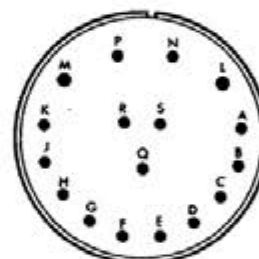
A



28-59 (B,S,V)

10-#16 (J-U)
7-#12 (A-H)

A



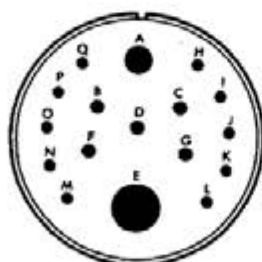
36-13(MI)

14-#16 (A-K, N-S)
2-#12 (L, M)

E (N-Q); A (balance)

CONTACTS

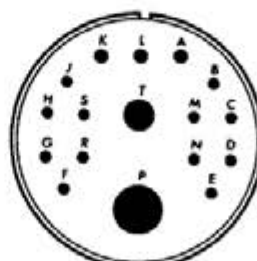
RATING



36-19(MI)

10-#16 (H-Q)
5-#12 (B-D,F, G)
1-#4 (A), 1-#0 (E)

D



36-2011-4 (C)

12-#16 (B-J, M, N, R, S)
3-#12 (A, K, L)
1-#4 (T), 1-#0 (P)

A

CONTACTS

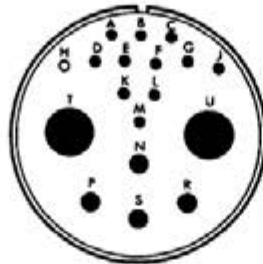
RATING

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

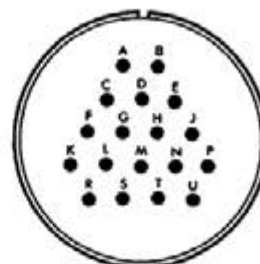
18 CONTACTS



36A90 (C)

12-#16 (A-H, J-M)
4-#8 (P, R, S)
2-#0 (T, U)

D



36-2011-16 (C)

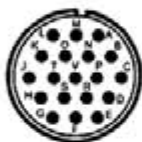
18-#12
Thermocouple

A

CONTACTS

RATING

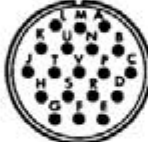
19 CONTACTS



20A48 (A,C,J,S,V)

19-#16

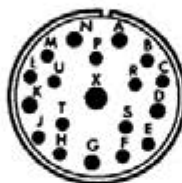
I



22-14 (M)

19-#16

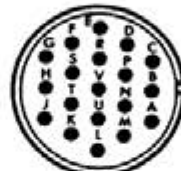
A



24A51 (C)

13-#16 (B, C, E, F, H, J, L, M, P-U)
5-#12 (A, D, G, K, N)
1-#8 (X)

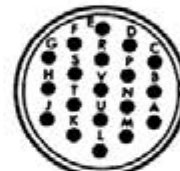
INST.



24-67 (B,S)

19-#12

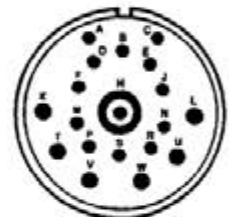
INST.



24-84 (B)

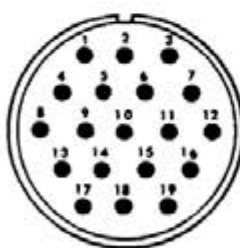
1-#12
18-#12 Coax for
RG-188/U or RG-174/U

D



28-425 (A)

12-#16 (A-E, F, J, M-S)
6-#12 (K, L, T, U, V, W)
1-#16 Hi voltage (H)



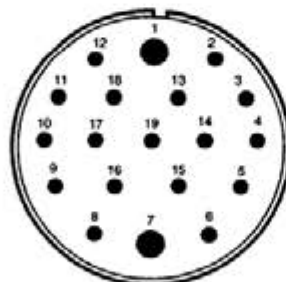
32-76 (B)

19-#12

CONTACTS

RATING

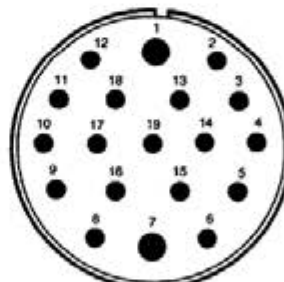
A



40-19 (J,V)

17-#12 (2-6, 8-19)
2-#4 (1, 7)

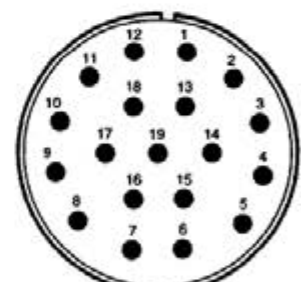
A



40A19 (J,V)

17-#8 (2-6, 8-19)
2-#4 (1, 7)

A



40B19 (J,S,V)

19-#8

A

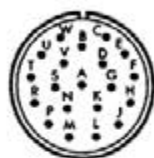
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

20 CONTACTS



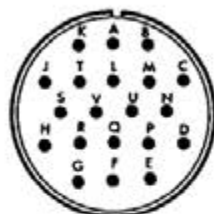
22-2007-42(C)

CONTACTS

20-#18

RATING

A



28-16(MI)

20-#16

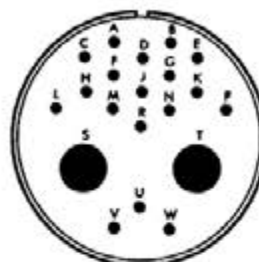
A

For new MIL equip.
design, use 28-12

ILLUSTRATION
UNAVAILABLE
AT TIME OF
PUBLICATION

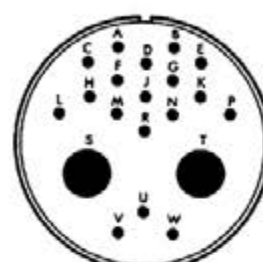
28-420 (A)

20-#16



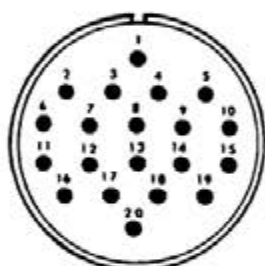
36A12 (C)
36-2011-12 (C)
18-#16 (A-R, U-W)
2-#0 (S, T)

A



36A63 (C)
36-2011-63 (C)
18-#16 (A-R, U-W)
2 RG-58/U Coax, (S, T)

A



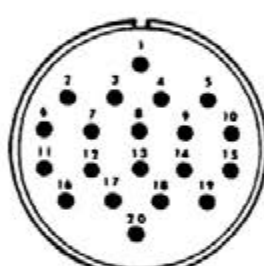
36-79 (B)

20-#12

CONTACTS

RATING

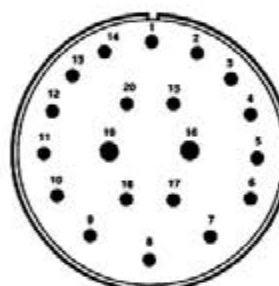
A



36-80 (B)

20-#12 for #10 wire

A

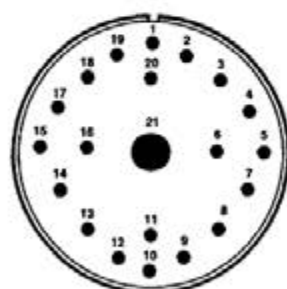


40A20 (V)

18-#12 (1 thru 15, 17, 18, 20)
2-#8 (16, 19)

D

21 CONTACTS



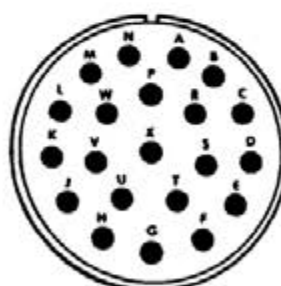
40A21 (J, V)

20-#12 (1 thru 20)
1-#4 (21)

CONTACTS

RATING

D (21), A (balance)



40-68 (B,S)

21-#8

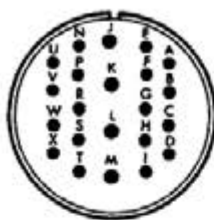
A

MIL-C-5015

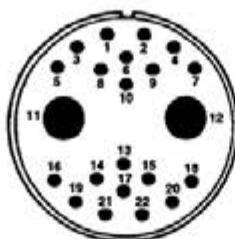
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

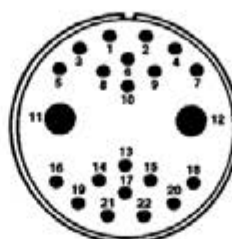
22 CONTACTS



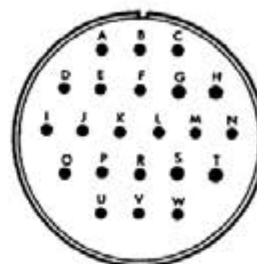
28-11 (M)



32A22 (V)



32B22 (V)



36-1 (M)

CONTACTS

18-#16 (A-I, N-X)
4-#12 (J-M)

20-#16 (1 thru 10, 13 thru 22)
2-#0 (11, 12)

20-#16 (1 thru 10, 13 thru 22)
2-#4 (11, 12)

18-#16 (A-F, I-R, U-W)
4-#12 (G, H, S, T)

RATING

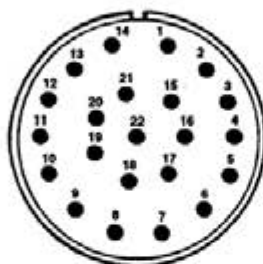
A

A

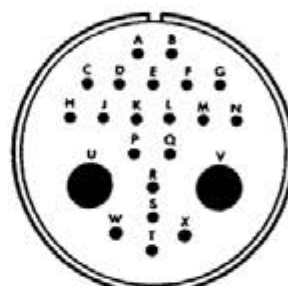
A

D

For new MIL equip.
design, use 32-13



36-22 (A,S)
36A22 (J, V)
22-#12



40-7 (M)

CONTACTS

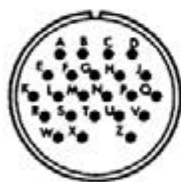
18-#16 (A-T), 2-#12 (W, X)
2-#0 (U, V)

RATING

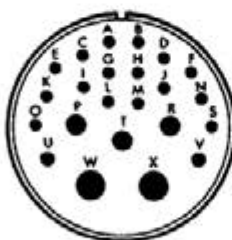
D

A (P, Q, U-X); D (balance)

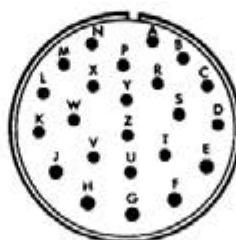
23 CONTACTS



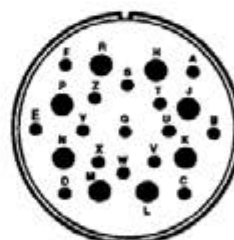
24-80 (M)



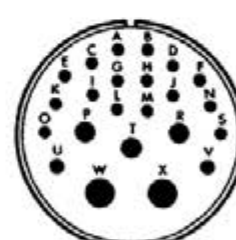
32-6 (M)



32-13 (M)



32-60 (B)



32-62 (B)

CONTACTS

23-#16

16-#16 (A-O, S) 2-#12 (U, V)
3-#8 (P-T), 2-#4 (W, X)

18-#16 (A-D, K-Z)
5-#12 (E-J)

15-#16 (A-F, S-a)
8-#8 coax, (H-R)

16-#16 (A-O, S) 2-#12 (U, V)
1-#8 (T) 2-#8 Coax, (P, R)
2-#4 (W, X)

RATING

INST.

A

D

A

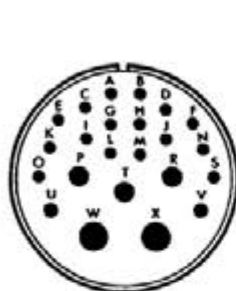
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

23 CONTACTS (CONT.)

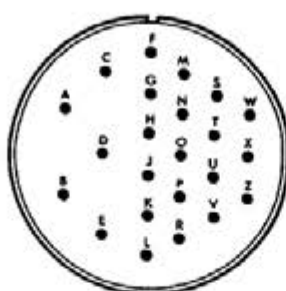


32-85 (B)

CONTACTS

16-#16 (A-D, S)
2-#12 Coax (U, V)
3-#8 Coax (P, R, T)
2-#4 Coax (W, X)

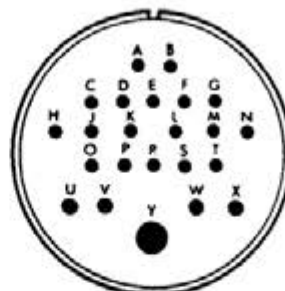
RATING



40-2 (M)

23-#16

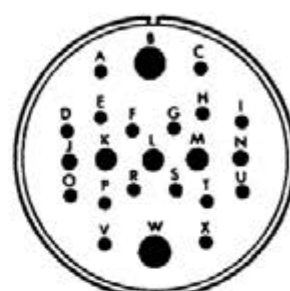
B (A-E); D (balance)



40-3 (M)

18-#16 (A-T)
4-#12 (U-X); 1-#4 (Y)

D

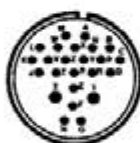


40-4 (M)

16-#16 (A, C-I, O-V, X)
2-#12 (J, N);
3-#8 (K, L, M); 2-#4 (B, W)

D

24 CONTACTS



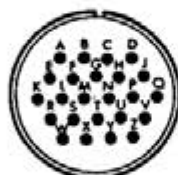
20A24 (V)

CONTACTS

2-#16 (1, 2)
22-#16 (balance)

RATING

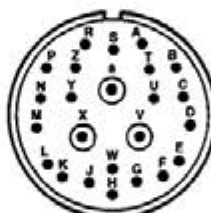
I



24-28 (M)

24-#16

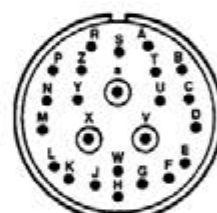
INST.



28-23 (M)
28-24 (M)

3-#8 shielded (V, X, a)
21-#16 (balance)

INST.

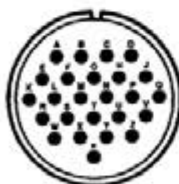


28-50 (B)
28AB (B)

3-#8 Coax (V, X, a)
21-#16 (balance)

INST.

25 CONTACTS



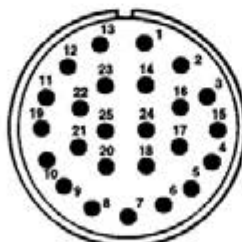
24A25 (J, S, V)

CONTACTS

25-#16

RATING

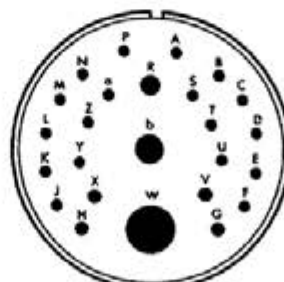
A



32A25 (V)

25-#12

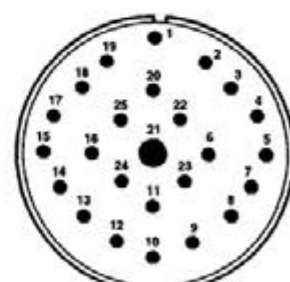
A



40-11 (M)

18-#16 (A-F, J-P, S-U, Y, Z a)
4-#12 (G, H, V, X)
1-#8 (R), 1-#4 (b), 1-#0 (W)

D



40A25 (V)

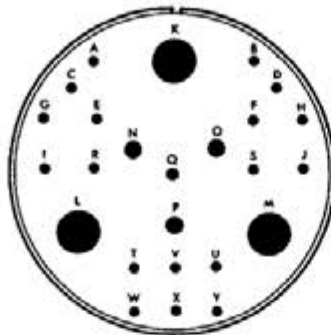
1-#4 (21)
24-#12 (balance)

A

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

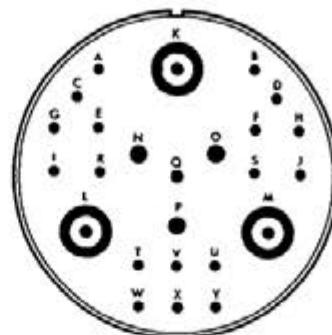
25 CONTACTS (CONT.)



48-3(M)

18-#16 (A-J, R-Y)
1-#12 (Q), 3-#8 (N-P)
3-#0 (K-M)

D



48-2014-11(C)

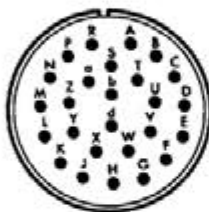
18-#16 (A-J, R-W)
1-#12 (Q), 3-#8 (N-P)
3 RG-58/U Coax, (K-M)

A

CONTACTS

RATING

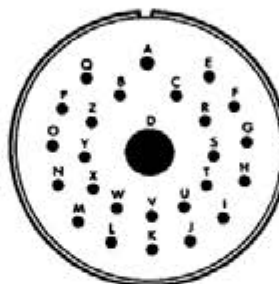
26 CONTACTS



28-12(M)

26-#16

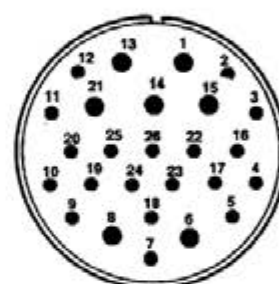
A



40-6(M)

24-#16 (B, C, E, Z)
1-#12 (A), 1-#0 (D)

D



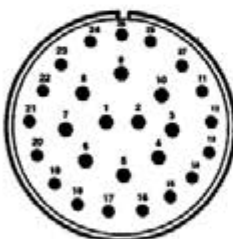
40-26 (C.S)

19-#12, 7-#8

CONTACTS

RATING

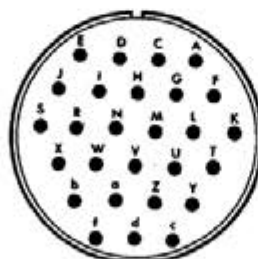
27 CONTACTS



32A27 (V)

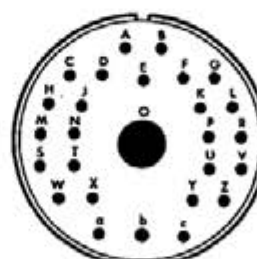
17-#16 (11 thru 27)
10-#12 (1 thru 10)

A



36A46 (C)
36 2011-46 (C)
27-#12

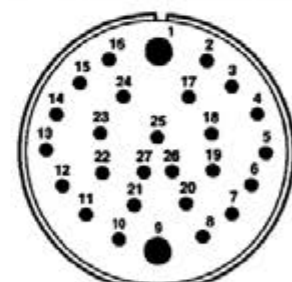
A



36-2011-11(C)

25-#16 (A-N, P, a)
1-#12 (b), 1-#0 (O)

A



40A27 (S,V)

25-#12 (2thru 8, 10 thru 27)
2-#4 (1, 9)

A

CONTACTS

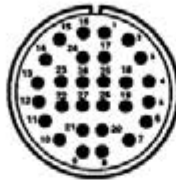
RATING

MIL-C-5015

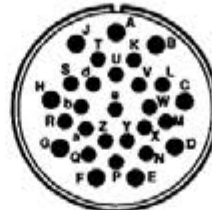
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

28 CONTACTS



24A28 (J,S,V)
24-96 (A,B,P)
28-#16



28A63 (C,J,V)
9-#12 (A thru J)
19-#1 (balance)

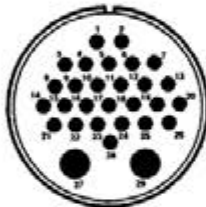
CONTACTS

RATINGS

I

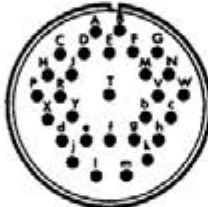
A (e) I (balance)

29 CONTACTS



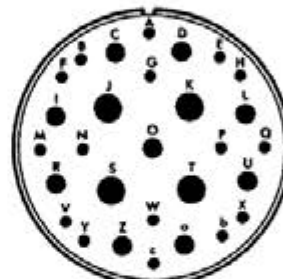
28A29 (V)

27-#16 (1 thru 26, 28)
2-#8 (27, 29)



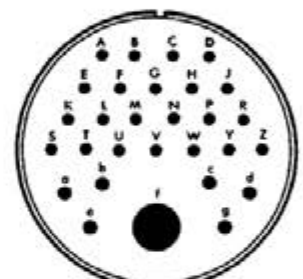
28A55 (C,S)
28-2009-55 (C)

29-#16



40-10 (M)

16-#16 (A, B, E-H, M, N, P, Q, V-Y, b, c)
9-#8 (C, D, I, L, O, R, U, z, a)
4-#4 (J, K, S, T)



40-12 (MI)

22-#16 (A-Z)
6-#12 (a-e, g), 1-#0 (f)

CONTACTS

RATING

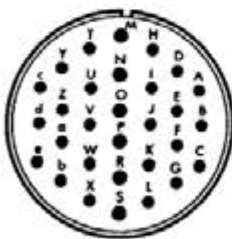
A

A

A

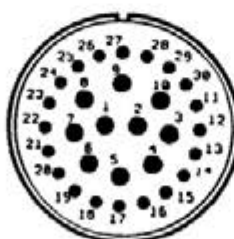
D

30 CONTACTS



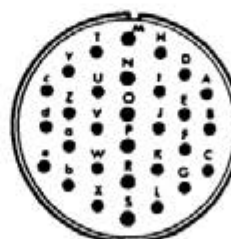
32-8 (MI)

24-#16 (A-L, T-Z, a-e)
6-#12 (M-S)



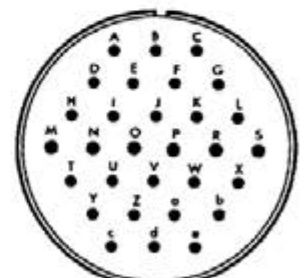
32A30 (S,V)

20-#16 (11 thru 30)
10-#12 (1 thru 10)



32-56 (B)

24-#16 (A-L, T-Z, a-e)
6-#12 for #10 wire (M-S)



40-1 (M)

24-#16 (A-L, T-e)
6-#12 (M-S)

CONTACTS

RATING

A

A

A

D

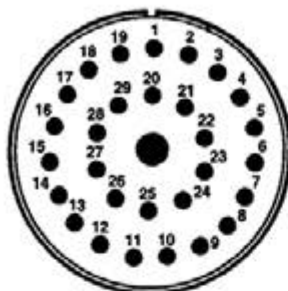
For new MIL equip.
design, use 32-7

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

30 CONTACTS (CONT.)

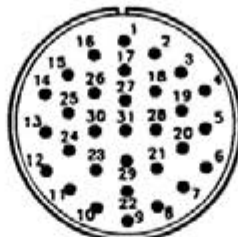


40A30 (V)

CONTACTS 29-#12 (1 thru 29)
1-#4 (30)

RATING A

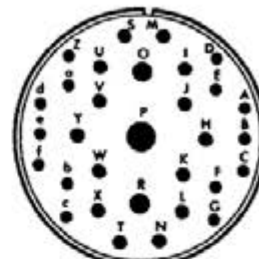
31 CONTACTS



32-31 (A, V)

31-#16

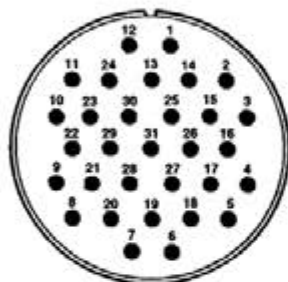
A



36-9 (M)

14-#16 (A-G, Z-I)
14-#12 (H-N, S-Y)
2-#8 (O, R), 1-#4 (P)

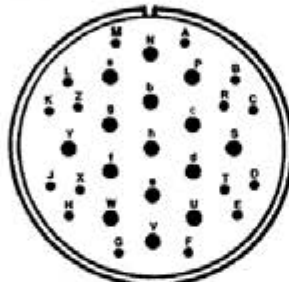
A



40-31 (C,S)
40A31 (J, V)

CONTACTS 31-#12

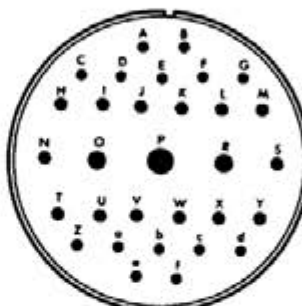
RATING D



40A51 (C,S)

16-#16 (A-M, R, T, X, Z)
15-#8 (N, P, S, U-W, Y, a-h)

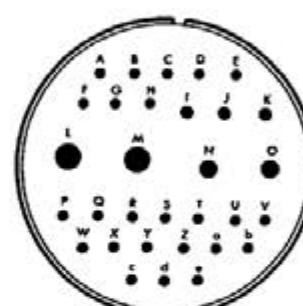
A



44-2 (M)

14-#16 (A-G, Z-I)
14-#12 (H-N, S-Y)
2-#8 (O, R), 1-#4 (P)

D

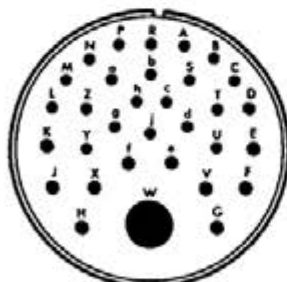


44-3 (M)

24-#16 (A-H, P-q)
3-#12 (I, J, K)
2-#8 (N, O), 2-#4 (L, M)

D

32 CONTACTS

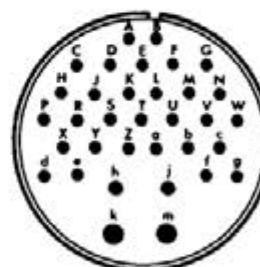


40-14 (MI)

CONTACTS 21-#16 (A-D, L-U, Y-d, g, h, j)
10-#12 (E-K, V, X, a, f)
1-#8 (W)

RATING D

34 CONTACTS



36-20 (MI)

30-#16 (A-g)
2-#12 (h-j)
2-#8 (k, m)

A

ILLUSTRATION
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32A65 (C)

20-#16
4-#12
2 Coax

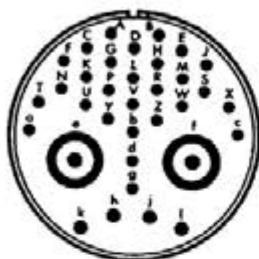
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

34 CONTACTS (CONT.)

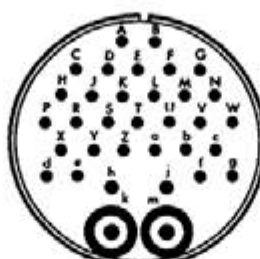


36A65(C)
36-2011-65(C)
28-#16 (A-g)
4-#12 (h-l)
2 RG-59/U Coax, (e, f)

CONTACTS

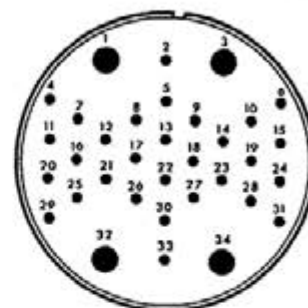
RATING

A



36A91(C)
30-#16 (A-H, J-N, P, R, Z, a-g)
2-#12 (h, i)
2-#93-3913 Coax (k, m)

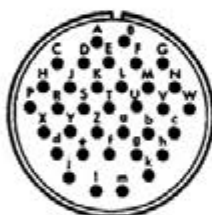
A



44-2013-17(C)
30-#16 (2, 4, 31, 33)
4-#4 (1, 3, 32, 34)

A

35 CONTACTS

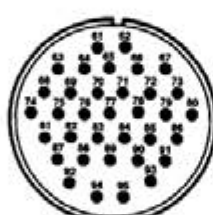


28-15 (M)
35-#16

CONTACTS

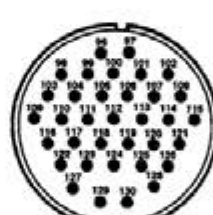
RATING

A
For new MIL equip.
design, use 28-21



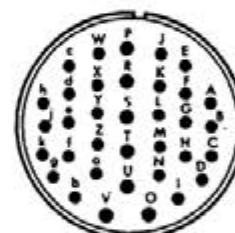
28A35 (S,V)
35-#16

A



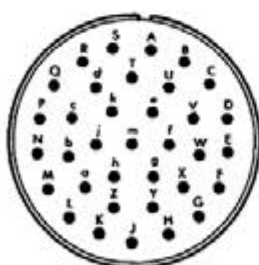
28B35 (V)
35-#16

A



32-7 (M)
28-#16 (A-N, W-Z, a-k)
7-#12 (O-V)

INST. (A, B, h, j)
A (balance)

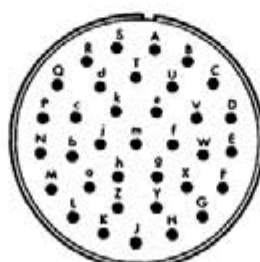


36-15 (M)
35-#16

CONTACTS

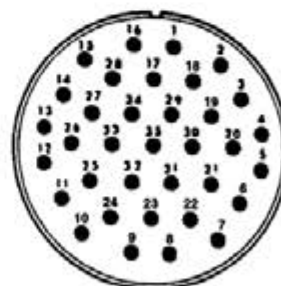
RATING

D (m); A (balance)



36-85 (B)
35-#16 for #12 wire

D (m); A (balance)



40-35 (S)
40A35 (V)
35-#12

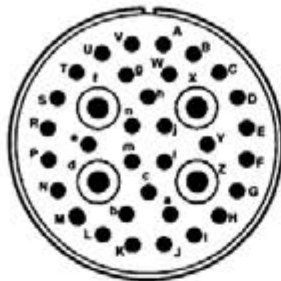
D

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

36 CONTACTS



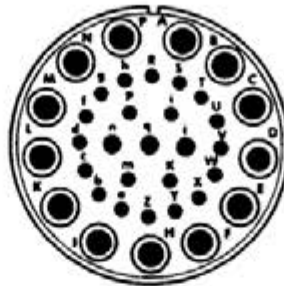
36-35 (B)

4-#8 (d, f, X, Z)
32-#16 (A-W, Y, a, b, c, e, g-n)

CONTACTS

RATING

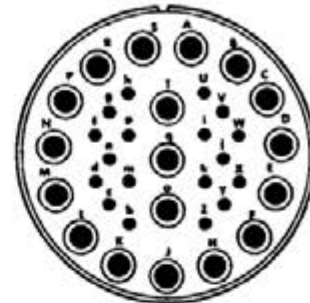
A



40-64 (B)

20-#16 (R-i, k, m, p)
3-#12 (j, n, p)
13-#8 Coax, for RG-124/U

A

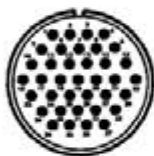


44-53 (B)

16-#18 (U-Z, b-h, i-k, m-p)
18-#8 Coax for RG-124/U

A

37 CONTACTS



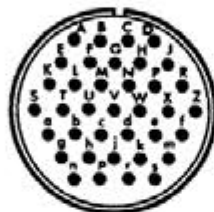
22A37 (V)

37-#18

CONTACTS

RATING

A



28-21 (M)

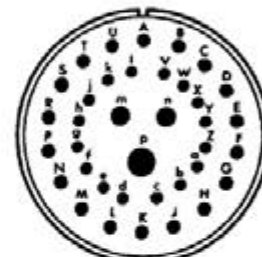
37-#16

A

ILLUSTRATION
UNAVAILABLE
AT TIME OF
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32A68 (C)

37-#16

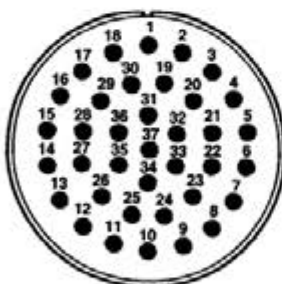


36-406 (A)

16-#16 (A-U); 18-#12 (V-I)
2-#8 (m, n); 1-#4 (p)

A

38 CONTACTS



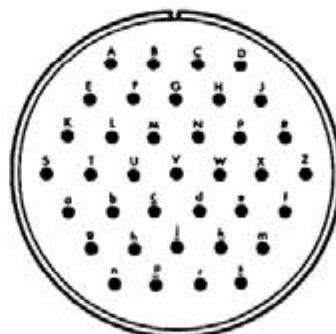
40B37 (J, V)

37-#12

CONTACTS

RATING

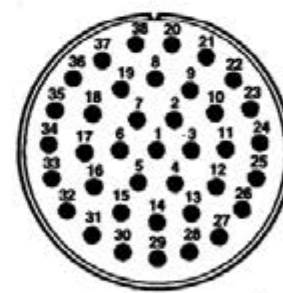
A



48-53 (B,S)

37-#12

D



40A38 (J, V)

40-AG (A)
38-#12

A

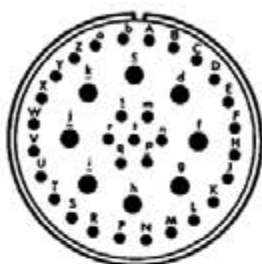
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

39 CONTACTS



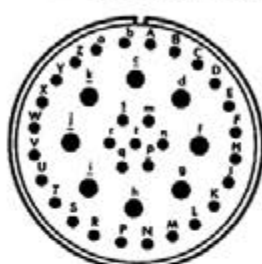
36-54 (B,S)

31-#16 (A-b, m-l)
8-#8 (c-k)

CONTACTS

RATING

A



36-55 (B)

31-#16 (A-b, m-l)
8-#8 for #6 wire (c-k)

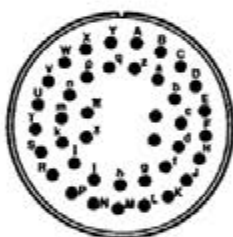
A

ILLUSTRATION
UNAVAILABLE
AT TIME OF
PUBLICATION

36A98 (C)

31-#16
8-#8

40 CONTACTS



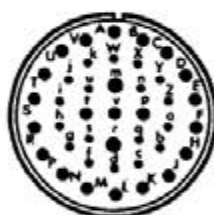
32A40 (V)

40-#16

CONTACTS

RATING

A

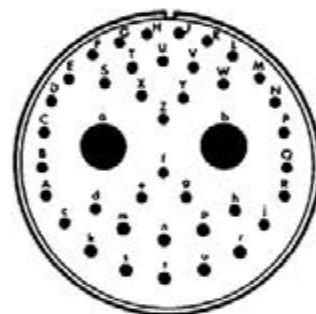


28-2009-44 (C)

18-#20 (W-Z, a-k, n, q, s, u)
21-#16 (A-V, p, t, v)
2-#12 (m, r)

A

41 CONTACTS

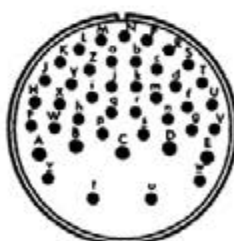


44-4 (M)

31-#16 (A-Z, c, j)
8-#12 (k-u), 2-#10 (a, b)

D

42 CONTACTS



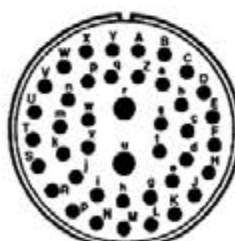
32-53 (B,S)

37-#16 (F-w)
5-#12 (A-E)

CONTACTS

RATING

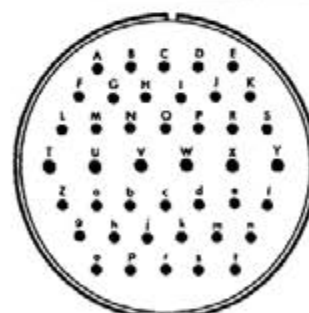
E (t,u); INST. (balance)



32-59 (B,J,S,V)

2-#8 (r, u)
40-#16 (balance)

A



44-1 (M)

36-#16 (A-S, Z-t)
6-#12 (T-Y)

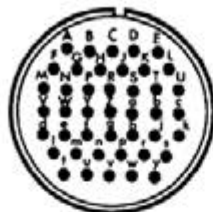
D

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

43 CONTACTS



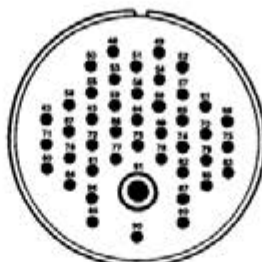
28A51 (C)
28-2009-51 (C)
43-#16

CONTACTS

RATING

A

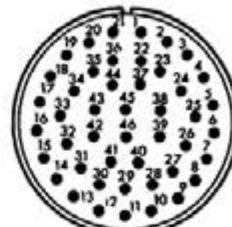
44 CONTACTS



36-74 (B,S)
43-#16 (48-90)
1-#8 Coax, for RG-187/U

A

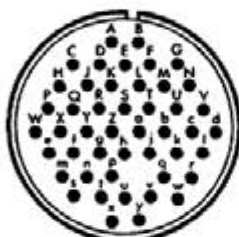
46 CONTACTS



32-73 (M)
46-#16

A

47 CONTACTS

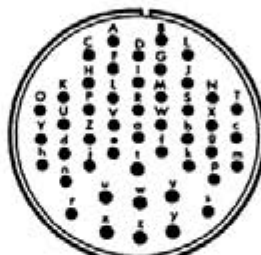


32A47 (C)
32-2010-47 (C)
47-#16

CONTACTS

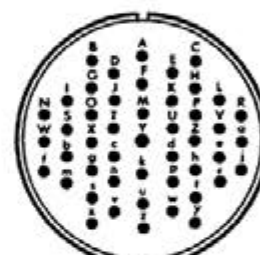
RATING

A



36-7 (M)
4-#16 (A-Z, a-s)
7-#12 (t-z)

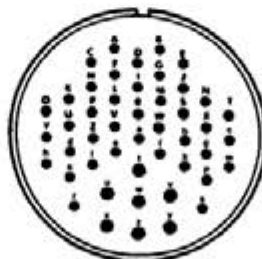
A



36-8 (M)
46-#16 (A-X, Z-z)
1-#12 (Y)

A

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36-47 (A)

CONTACTS

RATING

46-#12
1-#8

36-60 (B)

40-#16 (A-s)
7-#12 for #10 wire (t-z)

36-76 (B)

47-#16

A

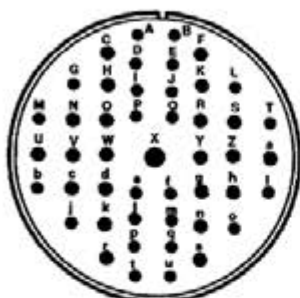
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

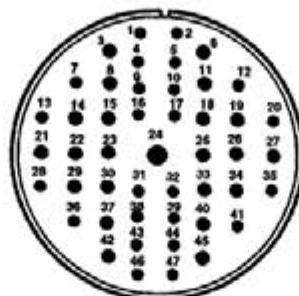
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

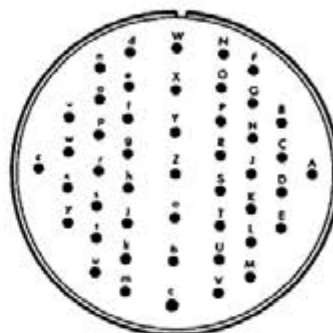
47 CONTACTS (CONT.)



40-9 (M)



40-47 (A,S)
40A47 (V)



48-2 (M)

CONTACTS

24-#16 (A, B, D, E, G, I, J, L, M, P, Q, T, b, e, f, i, j, l, m, o, p, q, t, u) 22-#12 (O, F, H, K, N, O, R, S, U-W, Y, Z, a, c, d, g, h, k, n, r, s). 1-#8 (X)

24-#16 (1, 2, 4, 5, 7, 9, 10, 12, 13, 16, 17, 20, 28, 31, 32, 25, 36, 38, 39, 41, 43, 44, 46, 47) 22-#12 (3, 6, 8, 11, 14, 15, 18, 19, 21, 22, 23, 25, 26, 27, 29, 30, 33, 34, 37, 40, 42, 45) 1-#8 (24)

46-#16 (A-b, d-z)
1-#12 (c)

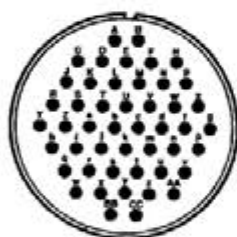
RATING

A

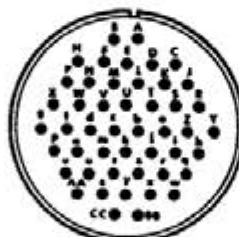
A

E (W-b); D (balance)

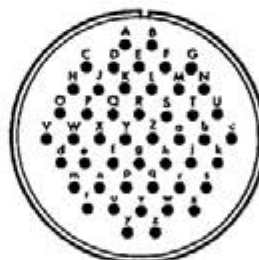
48 CONTACTS



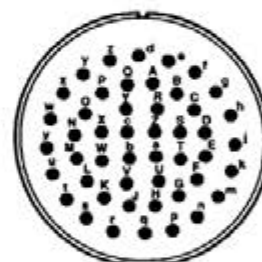
32A48 (J,S,V)



32-409 (A)



36-10 (M)



36A48 (J, V)

CONTACTS

48-#16

48-#16

48-#16

48-#16

RATING

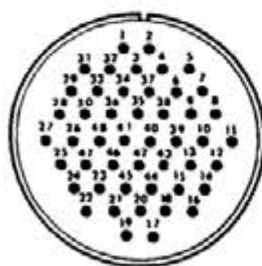
I

A

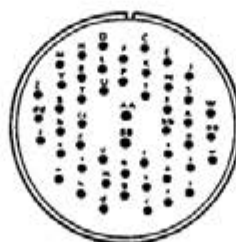
A

I

50 CONTACTS



36-75 (B)



32A46 (C)
32-2010-46 (C)
48-#16 (A, dd)
2-#12 (AA, BB)

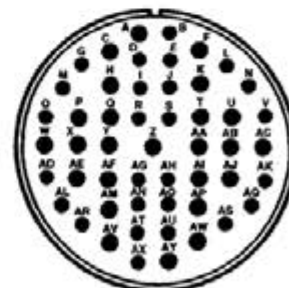
CONTACTS

48-#16 for #14 wire

RATING

A

51 CONTACTS



40-951 (A, P)

25-#12 (A, C, F, H, K, P, Q, T, U, W-AC, AE, AF, AI, AJ, AM, AP, AV, AW)
26-#16 (balance)

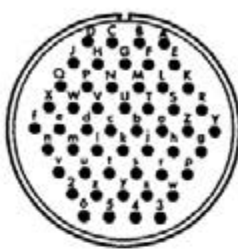
A

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

52 CONTACTS

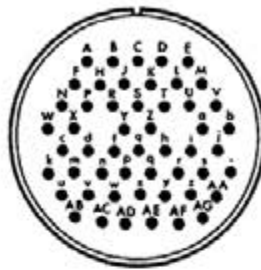


32-414 (A)
52-#16

CONTACTS

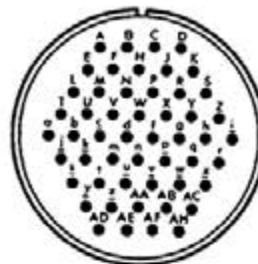
RATING

A



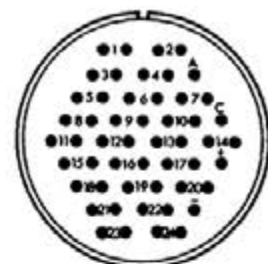
36A34
36-2011-34 (C)
52-#16

A



36-52 (M)
52-#16

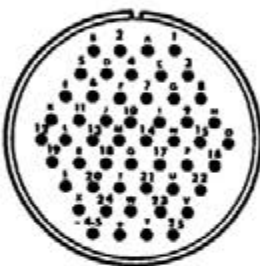
A



36-403 (A)
52-#16

A

53 CONTACTS

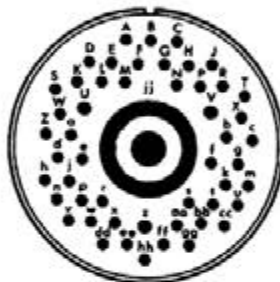


36-404 (A)
52-#16

CONTACTS

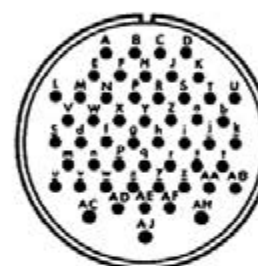
RATING

A



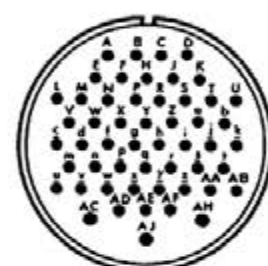
40A31 (C)
40-2012-31 (C)
48-#16 (A-T, W-x, aa-hh)
3-#12 (U, V, z)
1 RG-13/U Coax, (j)

A



36-59 (B)
50-#16 (A-AB, AD-AF)
3-#12 for #10 wire (AC, AH, AJ)

A



36-71 (B,S)
50-#16 (A-AB, AD-AF)
3-#12 (AC, AH, AJ)

A

54 CONTACTS



32A10 (C)
32-2010-10 (C)
54-#16

CONTACTS

RATING

A



32-22 (M)
54-#16

A



32-64 (B,S)
54-#16

INST.



32-88
54-#16

A

MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

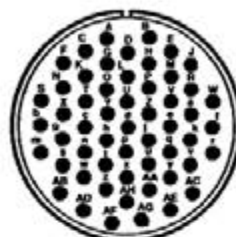
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

55 CONTACTS



24A55 (V)

55-#20



32A55 (J, V)

55-#16

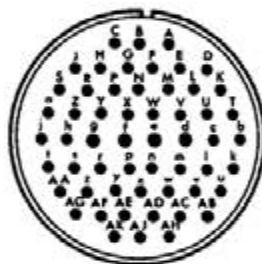
CONTACTS

RATING

I

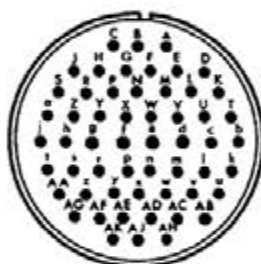
A

56 CONTACTS



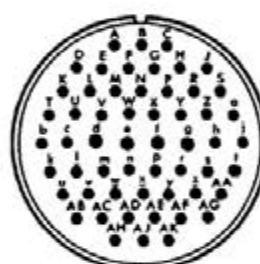
36-65 (M)

52-#16 (A-c, h-AH)
4-#12 (d, e, f, g)



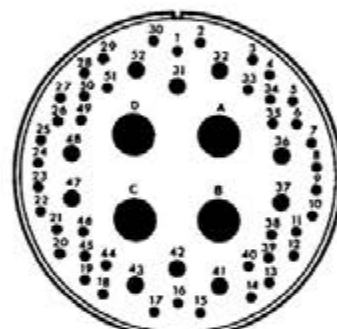
36A66 (C)
36-2011-66 (C)

52-#16 (A-c, h-AH)
4-#12 (d, e, f, g)



36-2011-79 (C)

52-#16 (A-H, J-N, P, R-Z, a-c, h,
j-p, r-z, AA-AK), 4-#12 (d-g)



48-51 (B)

42-#16 (1-30, 33-35, 38-40, 44-46,
49-51) 10-#8 (31, 32, 36, 37, 41-43,
47, 48, 52) 4-#0 Coax for RG-41/U (A-D)

CONTACTS

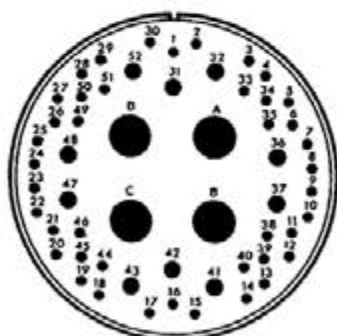
RATING

A

A

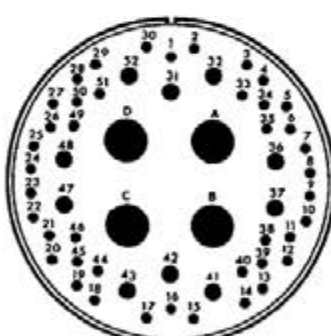
A

A



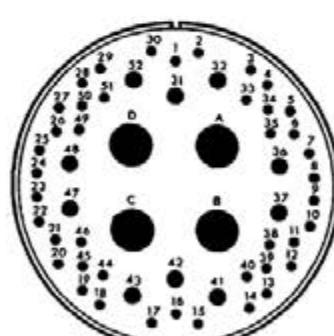
48-54 (B)

42-#16 (1-30, 33-35, 38-40, 44-46,
49-51) 10-#8 (31, 32, 36, 37, 41-43,
47, 48, 52) 4-#0 Coax for RG-59/U (A-D)



48-57 (B,S)

42-#16 (1-30, 33-35, 38-40, 44-46,
49-51) 10-#8 (31, 32, 36, 37, 41-43,
47, 48, 52) 4-#0 (A-D)



48-60 (B)

42-#16 (1-30, 33-35, 38-40, 44-46,
49-51) 10-#8 (31, 32, 36, 37, 41-43,
47, 48, 52) 4-#0 Coax for RG-214/U (A-D)

CONTACTS

RATING

A

A

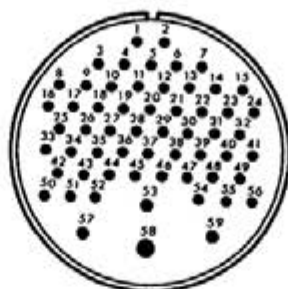
A

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

59 CONTACTS



40-61 (B)

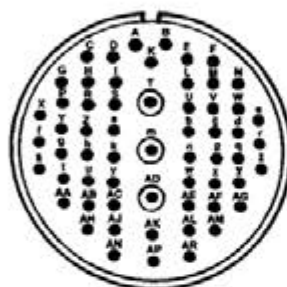
55-#16 (1-52, 54, 55, 56)
3-#12 (53, 57, 59)
1-#8 (58)

A

CONTACTS

RATING

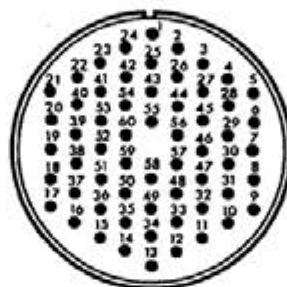
60 CONTACTS



40-15 (M)

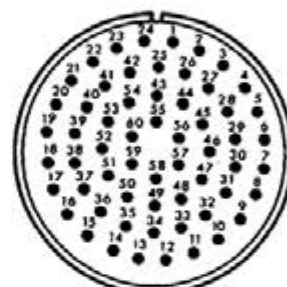
3-#8 shielded (T, m, AD)
57-#16 (balance)

A



40A27 (C)
40S27 (S)
40-2012-27 (C)
60-#16

A



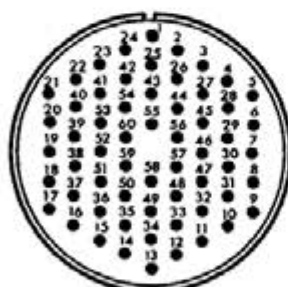
40-53 (B)
40A60 (V)

60-#16

A

CONTACTS

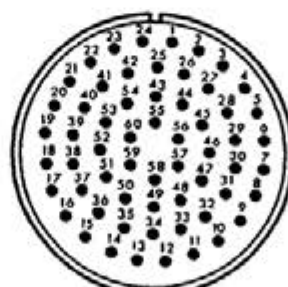
RATING



40-62 (C,S)

60-#16

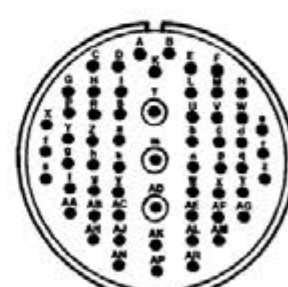
A



40-85 (B)

60-#16 for #14 wire

A



40-98 (B)
40-99 (B)

3-#8 (T, m, AD)
57-#16 (balance)

A

CONTACTS

RATING

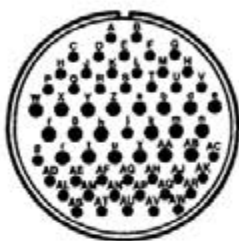
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

61 CONTACTS



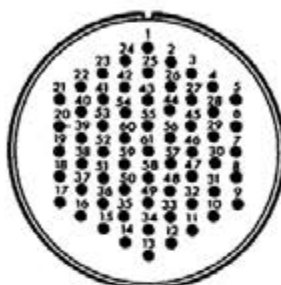
32A69* (C, V)

CONTACTS

41-#20 (A-V, P, j, AC-AW)
20-#16 (w-h, k-n, r-AB)

RATING

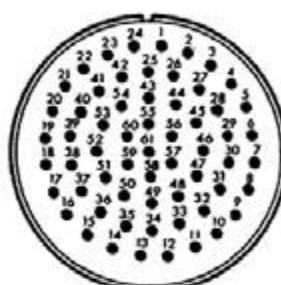
I



40A39 (C)

61-#16

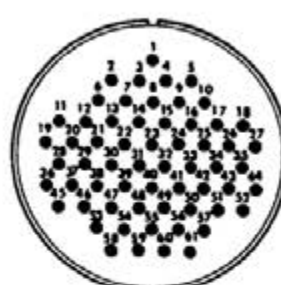
A



40-63 (B,S)

61-#16 for #14 wire

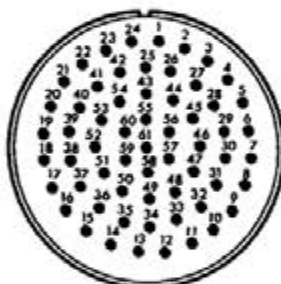
A



40-70 (B,S)

61-#16

A



40-73 (B)

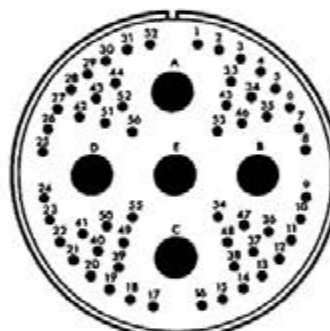
40C73 (C)

61-#16

CONTACTS

RATING

A

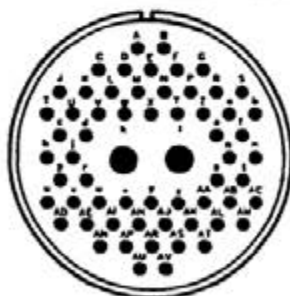


48-52 (B,S)

56-#16 (1-56)
5-#0 (A-E)

A

62 CONTACTS



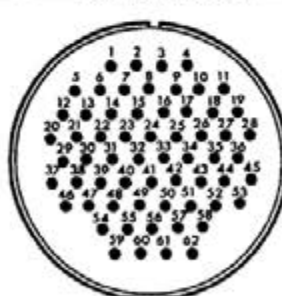
40A62 (V)

CONTACTS

2-#8 (k, l)
60-#16 (balance)

RATING

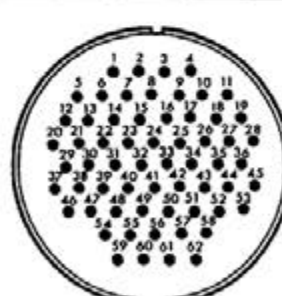
A



40-81 (B)

62-#16 for #14 wire

A



40-82 (B,S)

40C81 & 82 (C)

62-#16

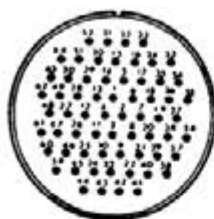
A

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

64 CONTACTS



28-2009-56(C)

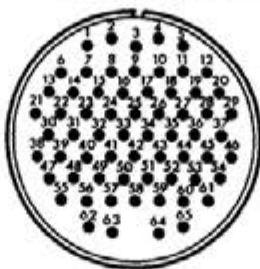
64-#16

CONTACTS

RATING

A

65 CONTACTS



36A95 (C)

65-#16

INST.

66 CONTACTS



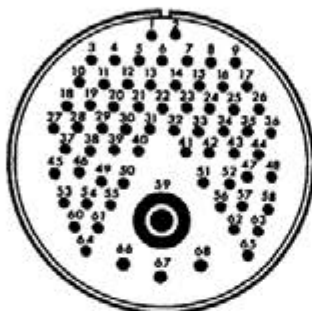
32A60 (C)

32-2010-60(C)

59-#20 (1-23, 26-32, 36-42, 45-66)
7-#16 (24, 25, 33, 34, 35, 43, 44)

A

68 CONTACTS



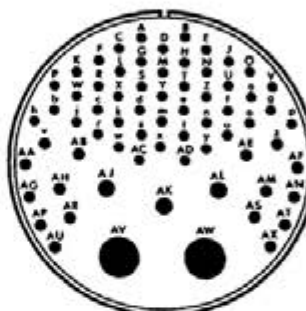
44-2013-15 (C)

64-#16 (1-58, 60-65)

3-#12 (66, 67, 68)

1 RG-59/U Coax, (59)

A



48-4 (M)

47-#16 (A-u, w, y, AC, AD)

16-#12 (v, z, AA, AB, AE-AH, AM-AU, AX)

3-#8 (AJ-AL, 2-#0 (AV, AW)

D (AJ-AL, AV, AW); A (balance)

72 CONTACTS



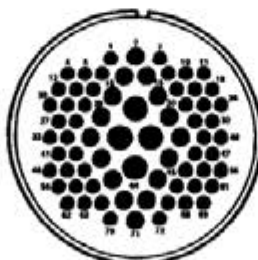
28-72 (V)

72-#20

CONTACTS

RATING

I



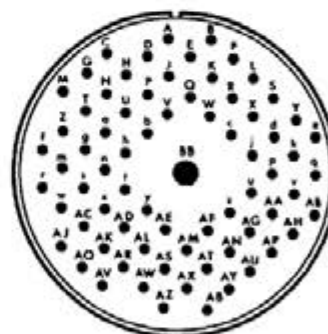
36A72 (J, V)

4-#12 (23, 36, 37, 44)

16-#16 (2, 7, 8, 15, 16, 29, 30, 35, 38, 43, 45, 51, 52, 63, 66, 71) 52-#18 (balance)

I

73 CONTACTS



48-2014-12(C)

72-#16 (A-BA)

1-#4 (BB)

A

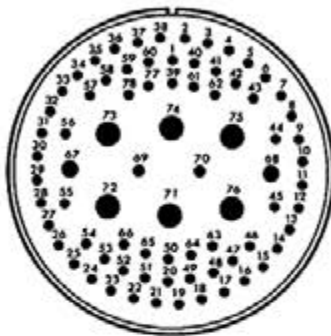
MIL-C-5015
1F INSERT CONFIGURATIONS

MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

78 CONTACTS



48-55 (B, S)

68-#16 (1-65, 77, 78)
2-#12 (69, 70); 2-#8 (67, 68)
6-#4 (71-76)

CONTACTS

RATING

A

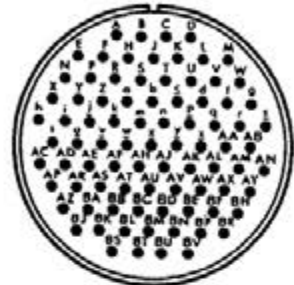
81 CONTACTS

ILLUSTRATION
UNAVAILABLE
AT TIME OF
PUBLICATION

36A96 (C)

51-#20
30-#16

85 CONTACTS

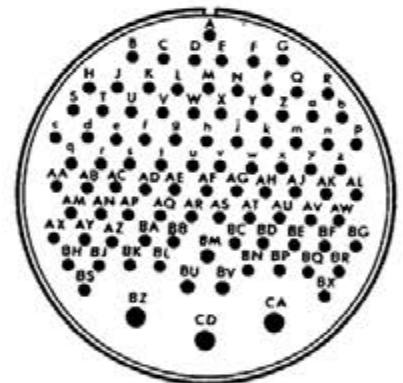


40-56 (M)

40A56
85-#16

A

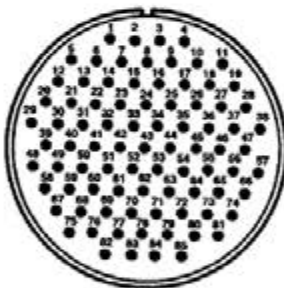
94 CONTACTS



48-2014-9 (C)

88-#16 (A-BL, BN-BS, BX)
3-#12 (BM, BU, BV)
3-#8 (BZ, CA, CD)

A



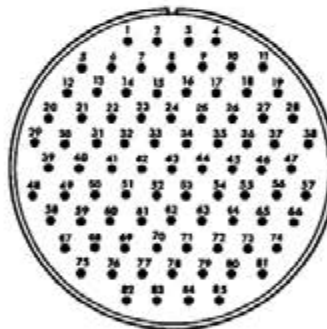
40N56 (S)

85-#16

CONTACTS

RATING

A



48-62 (M)

85-#16

D

MIL-C-5015

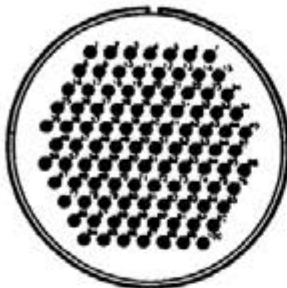
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

MIL-C-5015
1F INSERT CONFIGURATIONS

100 CONTACTS

101 CONTACTS



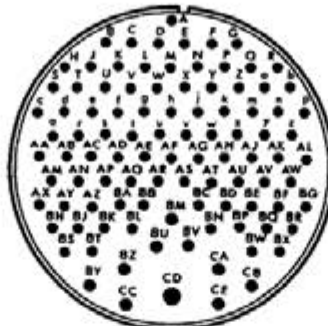
40A100 (V)

100-#18

CONTACTS

RATING

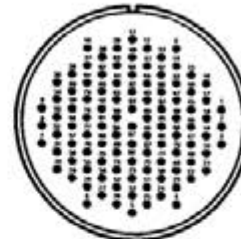
A



48-5 (MI)

90-#16 (A-BL, BN-BT, BW, BX)
9-#12 (BM, BU, BV, BY-CC, CE)
1-#8 (CD)

A



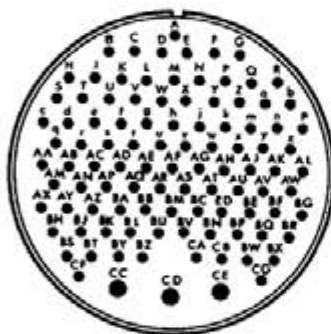
32-101 (V)

101-#20

I

102 CONTACTS

104 CONTACTS



48-2014-10 (C)

99-#16 (A-CB, CF, CG)
3-#8 (CC-CE)

CONTACTS

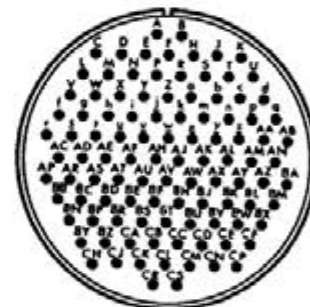
RATING

A

ILLUSTRATION
UNAVAILABLE
AT TIME OF
PUBLICATION

44A33 (C)

104-#16



44-52 (M)

104-#16

A

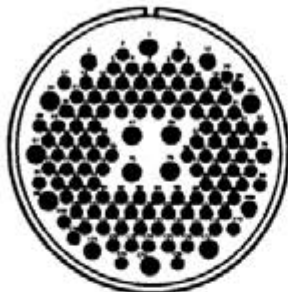
MIL-C-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

130 CONTACTS

150 CONTACTS



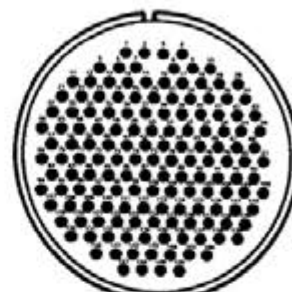
40A130 (V)

CONTACTS

4-#12 (47, 48, 75, 76)
12-#16 (1, 4, 10, 31, 42, 61, 70, 99, 109, 121, 127, 129)
114-#18 (balance)

RATING

A (47, 48, 75, 76) I (balance)



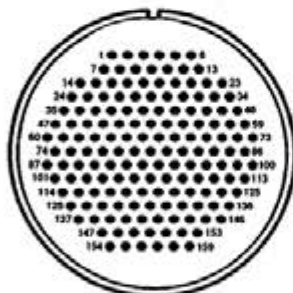
40-150

40A150 (J,S,V)
150-#18

I

159 CONTACTS

163 CONTACTS



40T159 (V)

CONTACTS

159-#20

RATING

A

ILLUSTRATION
UNAVAILABLE
AT TIME OF
PUBLICATION

40A53 (C)

163-#20

MIL-C-5015

INTERMATEABLE RECEPTACLES AND PLUGS

ANY RECEPTACLE LISTED WILL MATE WITH ANY PLUG LISTED

CONNECTOR DESCRIPTION	SOLDER	CRIMP		
		REVISION G		M83723 REAR RELEASE
		FRONT RELEASE	REAR RELEASE	
RECEPTACLES				
WALL MOUNT	MS3100	MS3400	MS3450	M83723/19 Socket M83723/20 Pin
WALL MOUNT, POTTING	MS3103			
IN-LINE	MS3101	MS3401	MS3451	M83723/17 Socket M83723/18 Pin
SOLDER MOUNT, HERMETIC	MS3143			M83723/18 Pin
BOX MOUNT	MS3102	MS3412 MS3402	MS3452	M83723/21 Socket M83723/22 Pin
BOX MOUNT, HERMETIC	MS3142			M83723/25 Pin
JAM NUT		MS3404	MS3454	
JAM NUT, HERMETIC				
PLUGS				
STRAIGHT	MS3106	MS3406	MS3456	M83723/23 Socket M83723/24 Pin
STRAIGHT, POTTING	MS25183			
QUICK-DISCONNECT	MS3107			
SELF-LOCKING			MS3459	
45°		MS3409		M83723/52 Pin
90°	MS3108	MS3408		M83723/53 Socket

1021

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1F INSERT CONFIGURATIONS