

MIL-DTL-26482 (M26482) 系列 I , II 圓型連接器

MIL-DTL-26482(系列 I & II)環境密封,快速拆卸,圓形連接器設計用於範圍廣泛的軍事和商業應用。M26482 的耐用性和多功能性也使其廣泛用於石化,工業控制,機器人,自動化,加工,使用和電信行業。

MIL-DTL-26482 連接器:系列 I 和系列 II。這兩種功能刺刀接頭,並使用電源觸點時,互配。他們使用的時候都沒有,但是,互配屏蔽觸點。當互連時,將滿足 I 系列連接器的最低性能要求。在除了作為水分和高度耐腐蝕,M26482 連接器(尤其是 II 系列)提供跨越極寬溫度範圍內優良的性能-這使得它們適合用在甚至最惡劣的物理環境。在 M26482 系列和 II 連接器的一般資料概述如下。

類型: I 系列

緊固型:插銷鎖

工作溫度: -54° C (-65° F) 至+ 125° C (257° F)

耐環境性:有

額定電壓: 600VAC - 1000VAC

類型: II 系列

緊固型:插銷鎖

工作溫度: -65° C (-85° F) 至+ 200° C (392° F)

耐環境性:是的

推薦工作電壓: 1000 VAC (海平面)

注意:這些連接器以前列在 MIL-C-26482 下。

MIL-DTL-26482 產品規格

PIN Diagram

MS3114 E		12	A	10	A	P	Y	T
			Termination type		Insert			Finish
MS	Class		& shell material		Insert	arrangement for	Contact style	Polarizatio
number	(Table 1)	Shell Size	(Table 2)	arrangement*	shielded contacts	(Table 3)	n position**	Series I
								only)

*Insert arrangements are as specified in MIL-STD-1669.

**Polarization positions are as specified in MIL-STD-1669.



佳昭企業有限公司
NEARSON ENTERPRISE CORP.

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• <http://www.nearson.com.tw>

Table 1: Class

Class	Series 1 (125°C)		Series 2 (175/200°C)	
	MS311X Solder	MS312X Front release crimp removable contacts	MS344X Rear release crimp removable contacts	MS347X Solder
A – Grommet seal, nonconductive			X	
E – Grommet seal, conductive (finish options W, D, T and K)	X	X		
P – Potted seal, conductive (finish options W, D, T and K)	X	X		
H – Hermetic seal, conductive	X			X
J – Insert seal with gland seal for jacketed cable, conductive (finish options W, D, T and K)	X			
L – Fluid resistant, conductive electroless nickel			X	
N – Hermetic seal, crimp termination conductive			X	
F – Grommet seal with strain relief clamp, conductive (finish options W, D, T and K)	X	X		
W – Cadmium plate, corrosive and fluid resistant, conductive			X	
K – Zinc-nickel, corrosive and fluid resistant, conductive			X	
T – Nickel fluorocarbon polymer, corrosive and fluid resistant, conductive			X	
D – Pure electrodeposited aluminum, corrosive and fluid resistant, conductive			X	



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Table 2: Termination Type & Shell Material (hermetic receptacles only)

Type	Termination	Shell
A	Solder cup	Stainless steel (Series I & II)
B	Eyelet	Stainless steel (Series I & II)
C	Solder cup	Ferrous alloy (Series I & II)
D	Crimp	Ferrous alloy (Series II)
Y	Eyelet	Ferrous alloy (Series I)

Table 3: Contact Style

Designator	Contact	Standard or Non-Standard
A	Less pin	Non-standard
B	Less socket	Non-standard
C	Feedthrough	MIL-STD-1669
P	Pin	MIL-STD-1669
S	Socket	MIL-STD-1669

Table 4: Finish

Designator	Temperature	Description
D	125°C	Pure dense electrodeposited aluminum in accordance with MIL-DTL- 83488, Type II, to withstand 500 hours dynamic salt spray. Color shall be nonreflective, conductive, and shall meet the requirements as specified herein.
T	125°C	Nickel fluorocarbon polymer. Nickel with fluorocarbon polymer additives over a suitable underplate to withstand 500 hours dynamic salt spray. Color shall be nonreflective, conductive, and shall meet the requirements as specified herein.
W	125°C	Cadmium plate in accordance with SAE-AMS- QQ-P- 416 over a suitable underplate to withstand 48 hours salt spray. Color shall be olive drab, conductive.
K	125°C	Zinc-nickel alloy in accordance with ASTM B841, Type D (black) over a suitable underplate to withstand 500 hours dynamic salt spray. Color shall be nonreflective, conductive, and shall meet the requirements as specified herein.



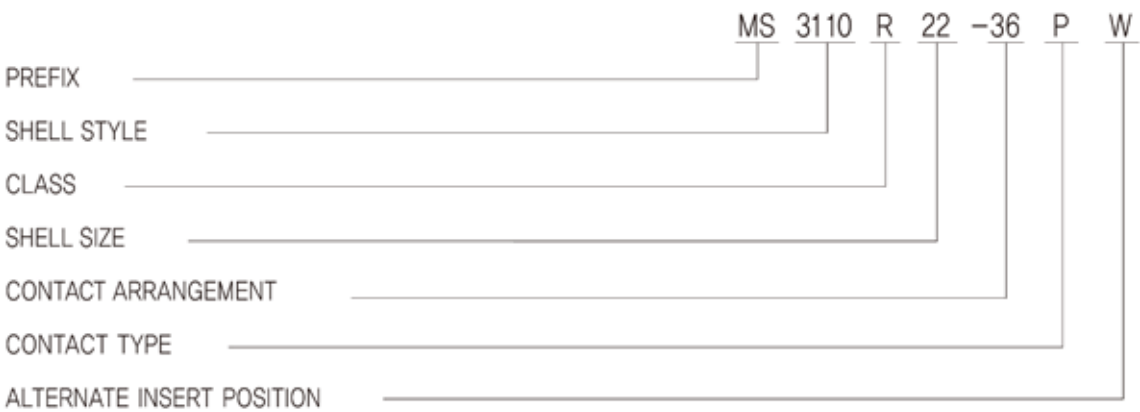
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MIL-C-26482 SE I Style

● Ordering Information

How to Order – Solder Contact Connectors



SERIES PREFIX

MS – MIL-C-26482 prefix

SHELL STYLE(cont'd)

MS Designation

- 3110 – wall mounting receptacle
- 3111 – cable connecting plug
- 3112 – box mounting receptacle
- 3114 – jam nut receptacle
- 3116 – straight plug
- 3119 – thru – bulkhead receptacle

CLASS

- A – general duty (not MS approved)
- B – general duty with strain relief without grommet & ferrules (may be used for potting when strain relief is desired) (not MS approved)

- E – grommet seal except on 02 and 312 (MS specification)
- F – grommet seal with strain relief (MS specification)
- J – water tight gland seal with strain relief for jacketed cable (MS specification)
- P – potted (MS specification)

SHELL SIZE

8, 10, 12, 14, 16, 48, 20, 22, and 24

CONTACT STYLE

- P – pin
- S – socket

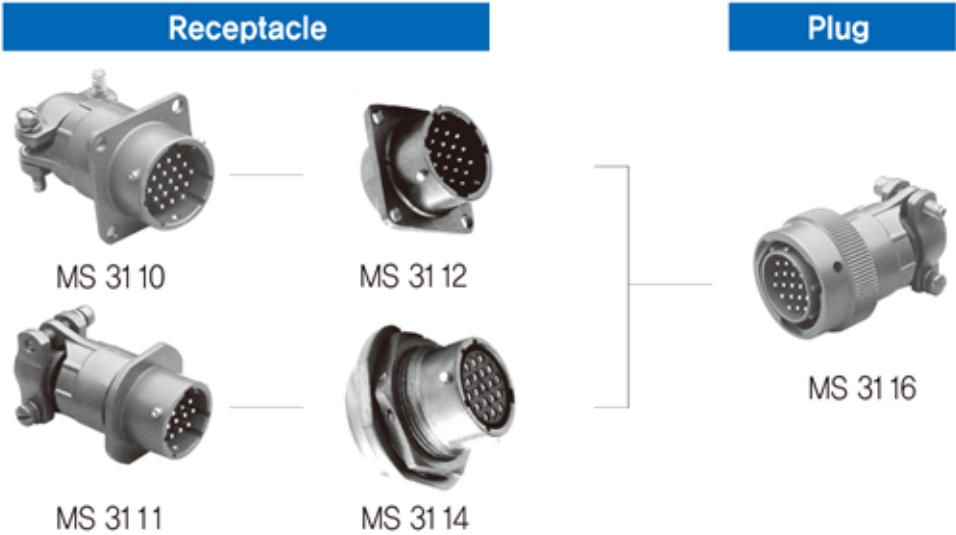
ALTERNATE INSERT POSITION

W, X, Y and Z. (omit for Normal.)

MIL-C-26482 SE I Style

● Components And Specifications

● Components



● Specifications

Insulation Resistance	5,000MΩ Min (at 25°C)
Temperature Range	-55°C TO 125°C
Durability	500 CYCLE Connection/ Dis - Connection

Dielectric Withstanding Voltage					
Service Rating	Operating Voltage		Test voltage AC(rms), 60cps		
	AC	DC	SEA LEVEL	50,000 (ft)	70,000 (ft)
I	600	850	1,500	500	375
II	1,000	1,275	2,300	750	500

Contact size			Current (A) Rating (Mated With Insulators)	Contact Resistance		Wire Range Accommodations		
Size	Pin Contact Dia.	Solder Pot Dia.		Test Voltage (DC)	Potential Drop Max(mV)	A.W.G	Wire Nomal Square Size (mm)	Dielectric Material Outer Dia.
#20	ø 1.0	ø 1.1	7.5/ 7.5	7.5/ 7.5	55	#24 ~ #20	0.5	ø 1.2~2.0
#16	ø 1.6	ø 1.9	22.0/ 13.0	13.0/ 13.0	49	#22 ~ #16	1.3	ø 1.7~3.3
#12	ø 2.4	ø 3.0	/23.0	/20.0	42	#14 ~ #12	3.5	ø 2.9~4.3

● Standard Materials and Finishes

Shell	aluminum alloy, conductive olive drab chromate over cadmium or Zinc finish
Insulator	polychloroprene rubber
Grommet and Seal	polychloroprene rubber
Contacts	Copper alloy, gold plate per MIL-G-45204 type II

● Environmental Seal

Wired, mated connectors with the specified accessory attached, shall meet the environmental requirements of MIL - C -26482

● Durability

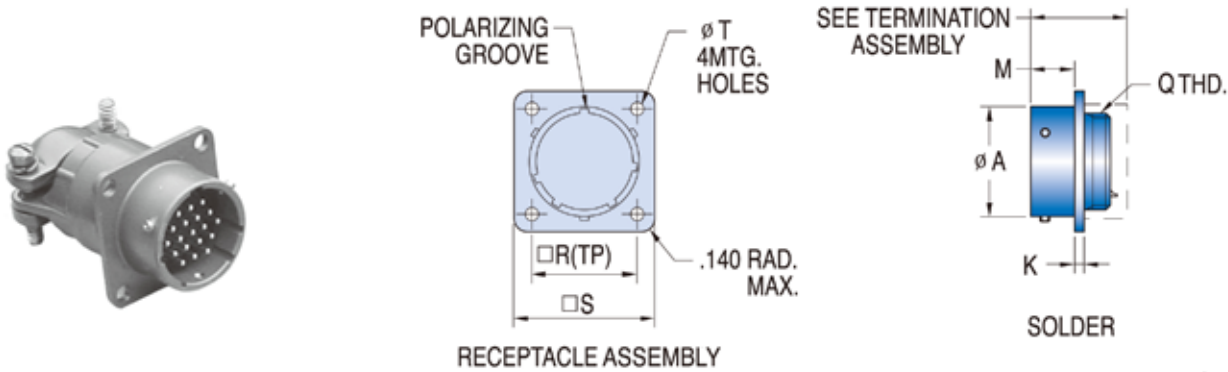
Minimum of 500 mating cycles.

● Shock and Vibration Requirements

When tested as above, the connector shall sustain no physical damage or electrical discontinuity exceeding one microsecond.

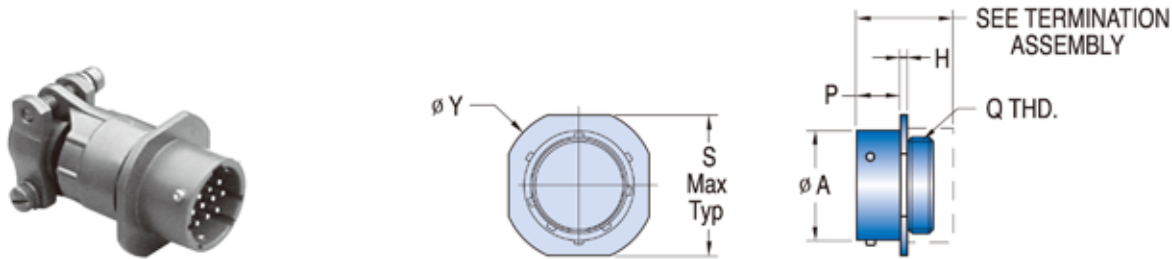
MIL-C-26482 SE I Style

● MS3110 Wall Mounting Receptacle



Shell Size	Inch(mm)						
	A ±.003 (±.08)	K ±.016 (±.41)	M +.031 (-.79) -.000 (-.00)	ø R* (TP)	ø S Max.	T ±.005 (±.13)	Q Thread Class 2A
8	.471 (1 1.96)	.062 (1.57)	.431 (10.95)	.594 (15.09)	.828 (21.03)	.120 (3.05)	7/16-28UNEF
10	.588 (14.96)	.062 (1.57)	.431 (10.95)	.719 (18.26)	.954 (24.23)	.120 (3.05)	9/16-24UNEF
12	.748 (19.00)	.062 (1.57)	.431 (10.95)	.812 (20.62)	1.047 (26.59)	.120 (3.05)	11/16-24UNEF
14	.873 (22.17)	.062 (1.57)	.431 (10.95)	.906 (23.01)	1.141 (28.98)	.120 (3.05)	13/16-20UNEF
16	.998 (25.35)	.062 (1.57)	.431 (10.95)	.969 (24.61)	1.234 (31.34)	.120 (3.05)	15/16-20UNEF
18	1.123 (28.52)	.062 (1.57)	.431 (10.95)	1.062 (26.97)	1.328 (33.73)	.120 (3.05)	1-1/16-18UNEF
20	1.248 (31.70)	.094 (2.39)	.556 (14.12)	1.156 (29.36)	1.453 (36.91)	.120 (3.05)	1-3/16-18UNEF
22	1.373 (34.87)	.094 (2.39)	.556 (14.12)	1.250 (31.75)	1.578 (40.08)	.120 (3.05)	1-5/16-18UNEF
24	1.489 (38.05)	.094 (2.39)	.556 (14.12)	1.375 (34.92)	1.703 (43.26)	.147 (3.73)	1-7/16-18UNEF

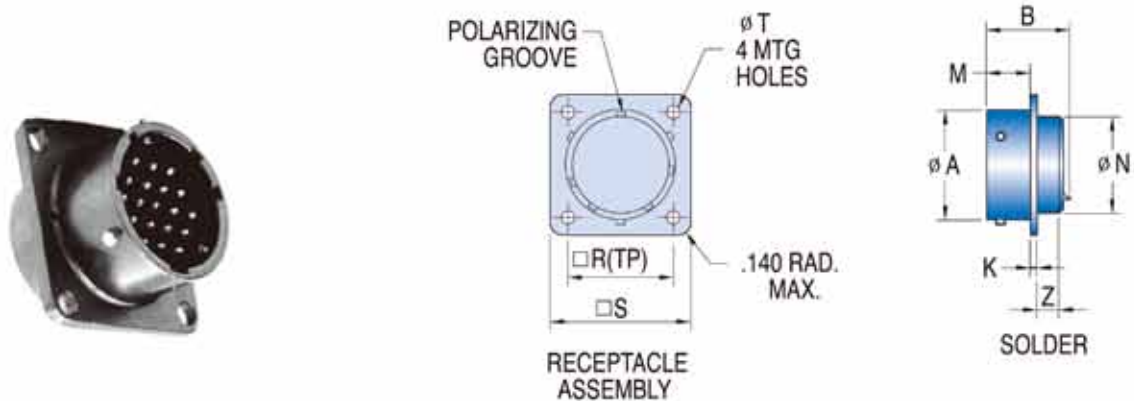
● MS3111 Cable Connecting Plug



Shell Size	Inch(mm)					
	A ±.003 (±.08)	H ±.003 (±.08)	P +.031 (-.79) -.000 (-.00)	S Max.	Y Max.	Q Thread Class 2A
8	.471 (1 1.96)	.094 (2.39)	.400 (10.16)	.828 (21.03)	.958 (24.33)	7/16-28UNEF
10	.588 (14.96)	.094 (2.39)	.400 (10.16)	.954 (24.23)	1.082 (27.48)	9/16-24UNEF
12	.748 (19.00)	.094 (2.39)	.400 (10.16)	1.047 (26.59)	1.176 (29.87)	11/16-24UNEF
14	.873 (22.17)	.094 (2.39)	.400 (10.16)	1.141 (28.98)	1.270 (32.26)	13/16-20UNEF
16	.998 (25.35)	.094 (2.39)	.400 (10.16)	1.234 (31.34)	1.364 (34.65)	15/16-20UNEF
18	1.123 (28.52)	.094 (2.39)	.400 (10.16)	1.328 (33.73)	1.458 (37.03)	1-1/16-18UNEF
20	1.248 (31.70)	.115 (2.92)	.535 (13.59)	1.453 (36.91)	1.582 (40.18)	1-3/16-18UNEF
22	1.373 (34.87)	.115 (2.92)	.535 (13.59)	1.578 (40.08)	1.708 (43.38)	1-5/16-18UNEF
24	1.489 (38.05)	.115 (2.92)	.568 (14.43)	1.703(43.26)	1.832 (46.53)	1-7/16-18UNEF

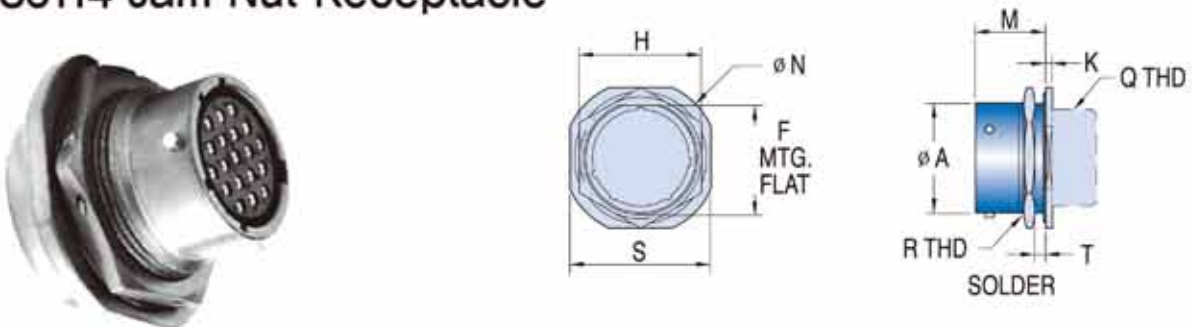
MIL-C-26482 SE I Style

● MS3112 Box Mounting Receptacle



Shell Size	Inch(mm)									
	A $\pm .003 (\pm .08)$	B Max.	K $\pm .016 (\pm .41)$	L Max.	M $+.031 (+.79)$ $-.000 (-.00)$	N Dia. Max.	ϕR^* (TP)	ϕS Max.	T $\pm .005 (\pm .13)$	Z Max.
8	.471 (11.96)	.978 (24.94)	.062 (1.57)	1.320 (33.07)	.431 (10.95)	.469 (11.91)	.594 (15.09)	.828 (21.03)	.120 (3.05)	.354 (8.99)
10	.588 (14.96)	.978 (24.94)	.062 (1.57)	1.320 (33.07)	.431 (10.95)	.593 (15.06)	.719 (18.26)	.954 (24.23)	.120 (3.05)	.354 (8.99)
12	.748 (19.00)	.978 (24.94)	.062 (1.57)	1.320 (33.07)	.431 (10.95)	.719 (18.26)	.812 (20.62)	1.047 (26.59)	.120 (3.05)	.354 (8.99)
14	.873 (22.17)	.978 (24.94)	.062 (1.57)	1.320 (33.07)	.431 (10.95)	.843 (21.41)	.906 (23.01)	1.141 (28.98)	.120 (3.05)	.354 (8.99)
16	.998 (25.35)	.978 (24.94)	.062 (1.57)	1.320 (33.07)	.431 (10.95)	.969 (24.61)	.969 (24.61)	1.234 (31.34)	.120 (3.05)	.354 (8.99)
18	1.123 (28.52)	.978 (24.94)	.062 (1.57)	1.320 (33.07)	.431 (10.95)	1.093 (27.76)	1.062 (26.97)	1.328 (33.73)	.120 (3.05)	.354 (8.99)
20	1.248 (31.70)	1.196 (30.38)	.094 (2.39)	1.367 (34.72)	.556 (14.12)	1.219 (30.96)	1.156 (29.36)	1.453 (36.91)	.120 (3.05)	.417 (10.59)
22	1.373 (34.87)	1.196 (30.38)	.094 (2.39)	1.367 (34.72)	.556 (14.12)	1.343 (34.11)	1.250 (31.75)	1.578 (40.08)	.120 (3.05)	.417 (10.59)
24	1.489 (38.05)	1.196 (30.38)	.094 (2.39)	1.418 (36.02)	.589 (14.96)	1.469 (37.31)	1.375 (34.92)	1.703 (43.26)	.147 (3.73)	.445 (11.30)

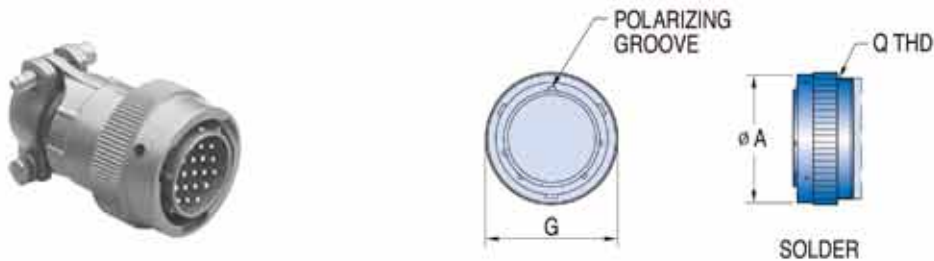
● MS3114 Jam Nut Receptacle



	Inch(mm)									
Shell Size	A ±.003 (±.08)	F ±.005 (130)	H ±.017 (±.43)	K ±.020 (±.05)	M +.031 (+.08) -.000 (-.00)	N Max.	S Max.	T Panel thickness		R thread Class 2A
								Min.	Max.	
8	.471 (1 1.96)	.525 (13.34)	.750 (19.05)	.117 (2.97)	.691 (17.55)	1.078 (27.38)	.954 (24.23)	.062 (1.57)	.125 (3.17)	9/16-24UNEF
10	.588 (14.96)	.650 (16.51)	.875 (22.22)	.117 (2.97)	.691 (17.55)	1.203 (30.58)	1.078 (27.38)	.062 (1.57)	.125 (3.17)	11/16-24UNEF
12	.748 (19.00)	.813 (20.65)	1.062 (26.97)	.117 (2.97)	.691 (17.55)	1.319 (35.33)	1.266 (32.16)	.062 (1.57)	.125 (3.17)	7/8-20UNEF
14	.873 (22.17)	.937 (23.80)	1.188 (30.17)	.117 (2.97)	.691 (17.55)	1.516 (38.51)	1.391 (35.33)	.062 (1.57)	.125 (3.17)	1-20UNEF
16	.998 (25.35)	1.061 (26.95)	1.312 (33.32)	.117 (2.97)	.691 (17.55)	1.641 (41.68)	1.516 (38.51)	.062 (1.57)	.125 (3.17)	1-1/8-18UNEF
18	1.123 (28.52)	1.186 (30.12)	1.438 (36.25)	.117 (2.97)	.691 (17.55)	1.766 (44.86)	1.641 (41.68)	.062 (1.57)	.125 (3.17)	1-1/4-18UNEF
20	1.248 (31.70)	1.311 (33.30)	1.562 (39.67)	.148 (3.76)	.879 (22.33)	1.954 (49.63)	1.828 (46.43)	.062 (1.57)	.250 (6.35)	1-3/8-18UNEF
22	1.373 (34.87)	1.436 (36.47)	1.688 (42.87)	.148 (3.76)	.879 (22.33)	2.078 (52.78)	1.954 (49.63)	.062 (1.57)	.250 (6.35)	1-1/2-18UNEF
24	1.489 (38.05)	1.561 (39.65)	1.812 (46.02)	.148 (3.76)	.912 (23.16)	2.203 (55.96)	2.078 (52.78)	.062 (1.57)	.250 (6.35)	1-5/8-18UNEF

MIL-C-26482 SE I Style

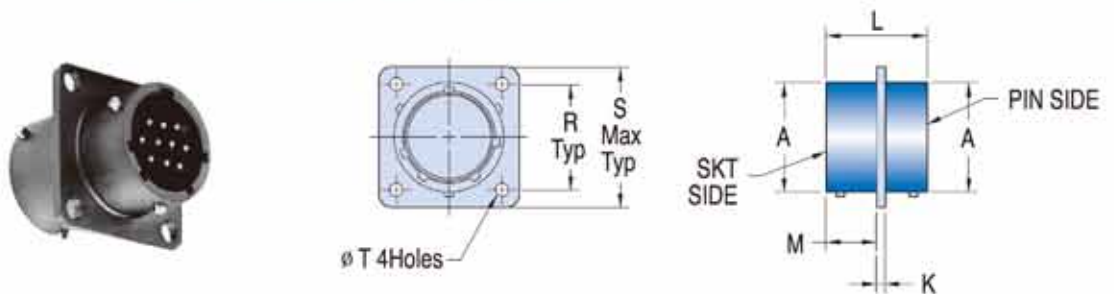
● MS3116 Straight Plug



Inch(mm)

Shell Size	A Dia. Max.	G Dia. Max.	J ±.010 (±0.25)	Q Thread Class 2A
8	.765 (19.43)	.782 (19.86)	.353 (8.99)	7/16-28UNEF
10	.840 (21.34)	.926 (23.52)	.353 (8.99)	9/16-24UNEF
12	.999 (25.38)	1.043 (26.49)	.353 (8.99)	11/16-24UNEF
14	1.139 (28.93)	1.183 (30.05)	.353 (8.99)	13/16-20UNEF
16	1.261 (32.03)	1.305 (33.15)	.353 (8.99)	15/16-20UNEF
18	1.337 (33.96)	1.391 (35.33)	.353 (8.99)	1-1/16-18UNEF
20	1.477 (37.52)	1.531 (38.89)	.415 (10.54)	1-3/16-18UNEF
22	1.602 (40.69)	1.656 (42.06)	.415 (10.54)	1-5/16-18UNEF
24	1.723 (43.76)	1.777 (45.14)	.415 (10.54)	1-7/16-18UNEF

● MS3119 Thru – Bulkhead Receptacle

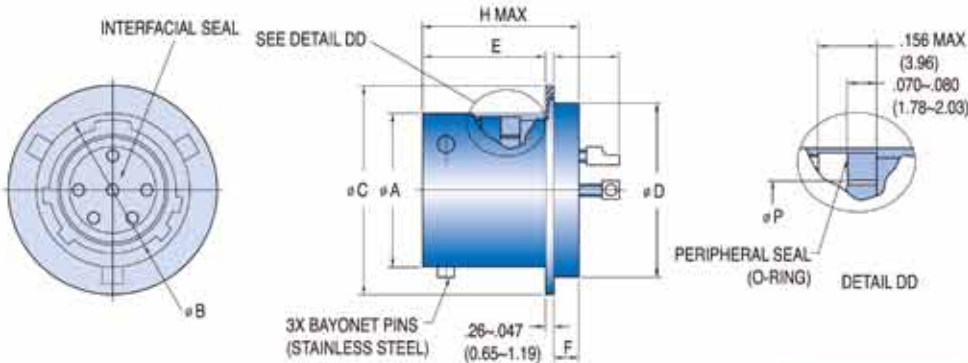


Inch(mm)

Shell Size	A Dia. ±.003 (±.08)	K ±.016 (±.406)	L Max.	M +.031(+.79) -.000 (-.00)	R* (TP)	S Max.	T ±.005 (±.127)
8	.471 (11.96)	.062 (1.57)	1.125 (28.58)	.562 (14.27)	.594 (15.09)	.828 (21.03)	.120 (3.05)
10	.588 (14.96)	.062 (1.57)	1.125 (28.58)	.562 (14.27)	.719 (18.26)	.954 (24.23)	.120 (3.05)
12	.748 (19.00)	.062 (1.57)	1.125 (28.58)	.562 (14.27)	.812 (20.62)	1.047 (26.59)	.120 (3.05)
14	.873 (22.17)	.062 (1.57)	1.125 (28.58)	.562 (14.27)	.906 (23.01)	1.141 (28.98)	.120 (3.05)
16	.998 (25.35)	.062 (1.57)	1.125 (28.58)	.562 (14.27)	.969 (24.61)	1.234 (31.34)	.120 (3.05)
18	1.123 (28.52)	.062 (1.57)	1.125 (28.58)	.562 (14.27)	1.062 (26.97)	1.328 (33.73)	.120 (3.05)
20	1.248 (31.70)	.094 (2.39)	1.406 (35.71)	.688 (17.48)	1.156 (29.36)	1.453 (36.91)	.120 (3.05)
22	1.373 (34.87)	.094 (2.39)	1.406 (35.71)	.688 (17.48)	1.250 (31.76)	1.578 (40.08)	.120 (3.05)
24	1.489 (38.05)	.094 (2.39)	1.406 (35.71)	.688 (17.48)	1.375 (34.92)	1.703 (43.26)	.147 (3.73)

MIL-C-26482 SE I Style

● MS 3113H Hermetic Bayonet Coupling, Solder Mount



	SHELL	CONTACT
A	STAINLESS STEEL PASSIVATED	SOLDER CLIP GOLD PLATED
B	STAINLESS STEEL PASSIVATED	INLET GOLD PLATED
C	FERRULOUS ALLOY FUSED IN PLATED	SOLDER CLIP GOLD PLATED
V	FERRULOUS ALLOY FUSED IN PLATED	INLET GOLD PLATED

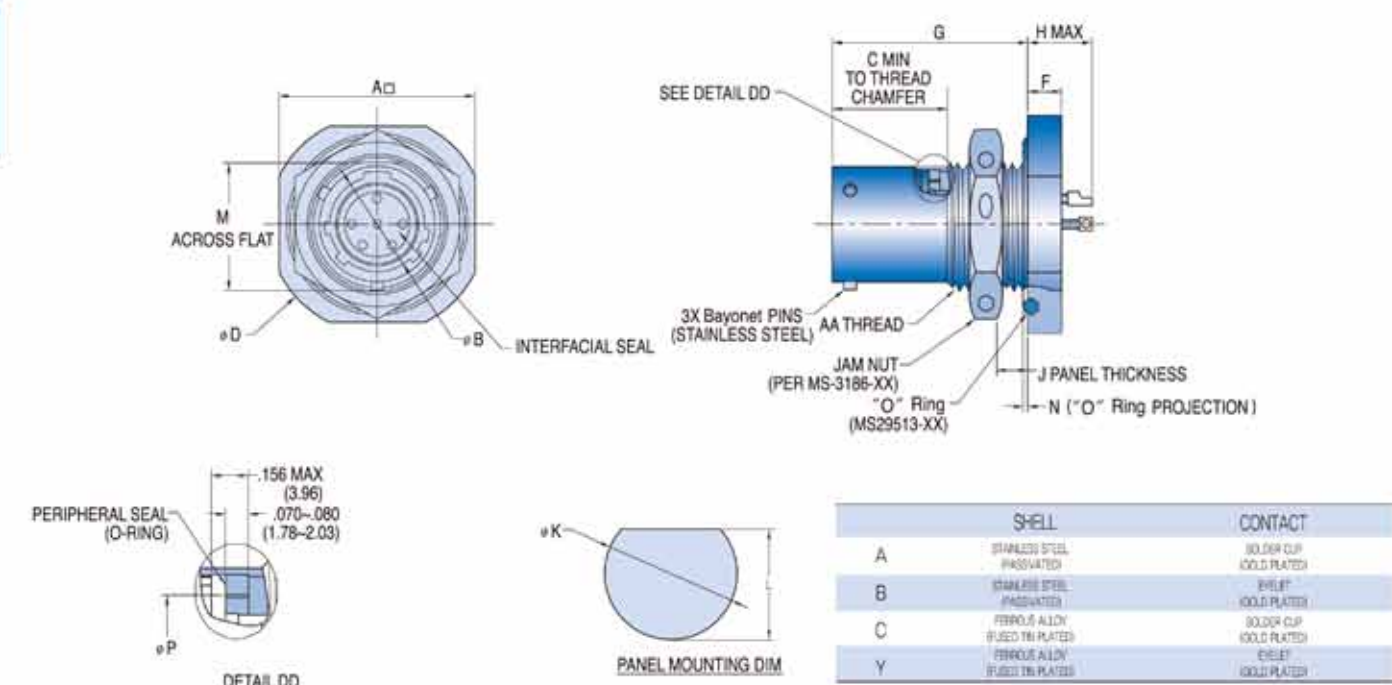
EXPLANATION OF MS PART NUMBER

MILITARY PREFIX	MS	3113	H	8	C	98	P	W	ALTERNATE INSERT POSITION (BLANK) = NORMAL W, X, Y, Z
SHELL STYLE									
SOLDER MOUNT									
BAYONET COUPLING									
CLASS									
H = HERMETIC SEALED									
SHELL SIZE (SEE TABLE)									
									CONTACT STYLE P = PIN S = SOCKET
									INSERT ARRANGEMENT
									SHELL MATERIAL AND FINISH CONTACT STYLE AND FINISH

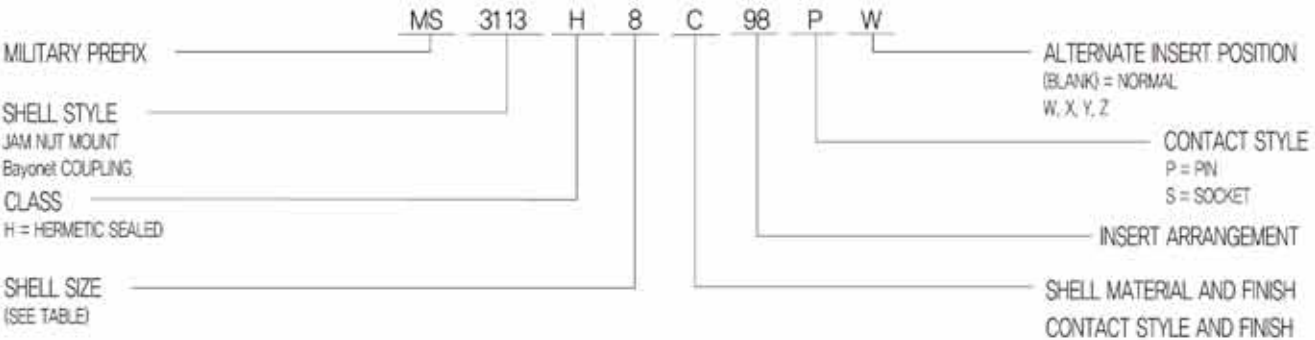
Shell Size	#A	#B	#C	#D	E	F MAX	H MAX	#P	M	Nd MAX	Rd	#S	J	K
8	.474 (11.89)	.367 (9.32)	.641 (16.28)	.563 (14.30)				.329 (8.36)		.826 (21.03)	.594 (15.09)			
10	.591 (15.01)	.495 (12.57)	.766 (19.46)	.673 (17.09)				.457 (11.61)		.954 (24.23)	.719 (18.26)			
12	.751 (19.07)	.612 (15.54)	.960 (24.41)	.862 (21.89)	.442 (11.23)	.156 (3.96)	.826 (21.03)	.564 (14.32)	.462 (11.73)	1.047 (26.59)	.812 (20.62)			
14	.876 (22.25)	.737 (18.72)	.965 (24.56)	.907 (23.04)	.411 (10.44)			.689 (17.50)	.431 (10.95)	1.141 (28.98)	.906 (23.01)	.125 (3.17)	.057 (1.45)	.078 (1.98)
16	1.001 (25.42)	.862 (21.89)	1.110 (28.19)	1.032 (26.21)				.814 (20.67)		1.234 (31.34)	.969 (24.61)			
18	1.126 (28.60)	.967 (24.56)	1.234 (31.34)	1.157 (29.39)				.907 (23.04)		1.328 (33.73)	1.062 (26.97)			
20	1.251 (31.77)	1.092 (27.74)	1.328 (33.73)	1.251 (31.77)	.504 (12.80)		.891 (22.63)	1.039 (26.39)	.587 (14.91)	1.453 (36.91)	1.156 (29.36)			
22	1.376 (34.96)	1.217 (30.91)	1.454 (36.93)	1.376 (34.96)	.473 (12.01)	.188 (4.77)		1.164 (29.57)	.556 (14.12)	1.578 (40.08)	1.250 (31.75)			
24	1.501 (38.12)	1.342 (34.09)	1.579 (40.11)	1.501 (38.12)	.537 (13.64)		.921 (23.39)	1.289 (32.74)	.620 (15.75)	1.703 (43.26)	1.375 (34.92)	.152 (3.86)	.088 (2.24)	.110 (2.79)

MIL-C-26482 SE I Style

MS3114H Hermetic Jam Nut Mounting



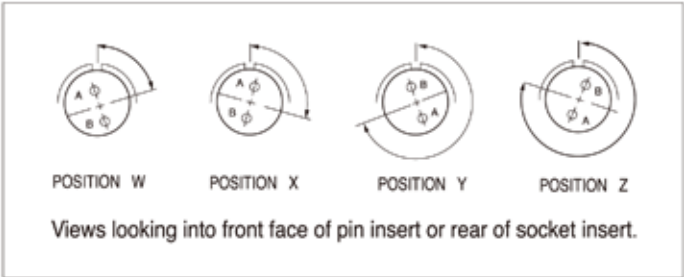
EXPLANATION OF MS PART NUMBER



Inch(mm)																	
Shell Size	AA UNF-36 THREADED	A MAX	Ø B	C MIN W/O TH LOC	Ø D DD	Ø E	F	G	H MAX	J PANEL THICKNESS	Ø K PANEL MOUNT HOLE	L PANEL FLAT	M ACROSS FLAT	N O-RING PROJECTION	Ø P ID OF GASKET		
8	.5625.24	.364	(12.23)	.357 (9.32)	1.078 (27.50)	.474 (12.04)					.582 (14.78)	.500 (12.70)	.500 (12.70)	.030 (.76)	.375 (9.53)		
10	.5875.25	1.078	(23.38)	.450 (11.43)	1.200 (30.48)	.587 (14.91)					.707 (17.96)	.675 (17.15)	.675 (17.15)	.030 (.76)	.407 (10.33)		
12	.575.20	1.266	(32.16)	.517 (13.13)	1.387 (35.23)	.751 (19.07)	.107 (2.72)	.320 (8.13)	.722 (18.34)	.107 (2.72)	.886 (22.50)	.808 (20.52)	.808 (20.52)	.030 (.76)	.464 (11.79)		
14	1.000.20	1.381	(35.33)	.731 (18.72)	1.578 (40.10)	.929 (23.70)			.373 (9.47)	.107 (2.72)	1.020 (25.91)	.967 (24.60)	.967 (24.60)	.030 (.76)	.589 (14.95)		
16	1.125.18	1.516	(38.51)	.862 (21.94)	1.647 (41.83)	1.001 (25.42)					1.140 (29.00)	1.086 (27.58)	1.086 (27.58)	.030 (.76)	.689 (17.50)		
18	1.250.18	1.641	(41.68)	.987 (25.17)	1.750 (44.26)	1.126 (28.60)					1.270 (32.26)	1.211 (30.70)	1.211 (30.70)	.030 (.76)	.807 (20.64)		
20	1.375.18	1.828	(46.43)	1.060 (27.06)	1.964 (50.00)	1.257 (31.91)			.178 (4.52)		1.386 (35.18)	1.330 (33.78)	1.330 (33.78)	.030 (.76)	1.039 (26.39)		
22	1.500.18	1.954	(49.63)	1.211 (30.76)	2.078 (52.84)	1.376 (34.95)	.166 (4.22)	.870 (22.13)			1.520 (38.61)	1.463 (37.16)	1.463 (37.16)	.030 (.76)	1.164 (29.56)		
24	1.625.18	2.078	(52.78)	1.340 (34.03)	2.201 (55.94)	1.507 (38.13)		.943 (23.93)	.207 (5.21)		1.640 (41.65)	1.586 (40.28)	1.586 (40.28)	.030 (.76)	1.280 (32.51)		

MIL-C-26482 SE I Style

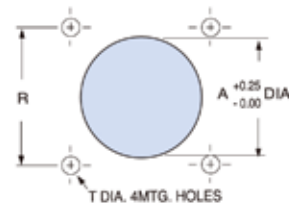
● Alternate Insert Position



NO. of	Contact*		Arrange- ment	Service Rating	Alternate Positions				
Contact	Size				W	X	Y	Z	
2	#20		8 – 2	I	58	122	–	–	
3	#20		8 – 3		60	120	–	–	
	#16		8 – 33		90	–	–	–	
4	#16		12 – 3		–	–	180	–	
4	#20		8 – 4	II	45	–	–	–	
5	#16		14 – 5		40	92	184	273	
6	#20		10 – 6		I	90	–	–	–
8	#20		10 – 98			90	180	240	270
	#16		12 – 8	90		112	203	292	
10	#16		16 – 8	II		54	152	180	331
10	#20		12 – 10	I	60	155	270	295	
11	#16		18 – 11	II	62	119	241	340	
12	8	#20	14 – 12	I	43	90	–	–	
	4	#12			–	–	–	–	
	#12		22 – 12		–	–	–	–	
15	14	#20	II		17	110	155	234	
	1	#16		14 – 15	17	110	155	234	
16	#16			20 – 16	I	283	318	333	347
18	#20			14 – 18	15	90	180	270	
19	#20		14 – 19	30	165	315	–		
21	#16		22 – 21	II	16	135	175	349	
23	22	#20	16 – 23	I	158	270	–	–	
	1	#16			66	156	223	340	
	21	#20	16 – 99		70	145	215	290	
	2	#16			60	–	275	338	
24	#20		20 – 24		72	144	216	288	
26	#20		16 – 26		180	193	235	250	
27	#20		20 – 27		90	225	255	–	
30	29	#20	18 – 30		85	138	222	265	
	1	#16			72	145	215	288	
31	#16		24 – 31		62	142	218	298	
32	#20		18 – 32		II	63	144	252	333
34	#20		22 – 32			45	126	225	–
	#20		22 – 34			39	135	264	–
39	37	#20	20 – 39			30	142	226	314
41	2	#16			22 – 41	90	180	270	324
	27	#20	20 – 41	–	–	–	–		
55	14	#16	22 – 41	–	–	–	–		
55	#20		22 – 55	–	–	–	–		
61	#20		24 – 61	–	–	–	–		

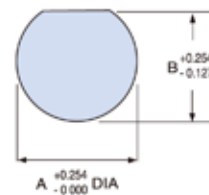
● MOUNTING DATA

PANEL CUTOUTS BOX AND WALL
MOUNTING RECEPTACLE
MS3110, 3112, 3119, Type



Shell Size	FLANGE(FRONT MOUNTING)		MOUNTING HOLE DIA.
	A	R	T ±.005
8	15,70	15,09	3,17
10	18,67	18,26	3,17
12	21,82	20,62	3,17
14	25,02	23,01	3,17
16	28,27	24,61	3,17
18	31,37	26,97	3,17
20	34,57	29,36	3,17
22	37,72	31,75	3,17
24	40,92	34,92	3,94

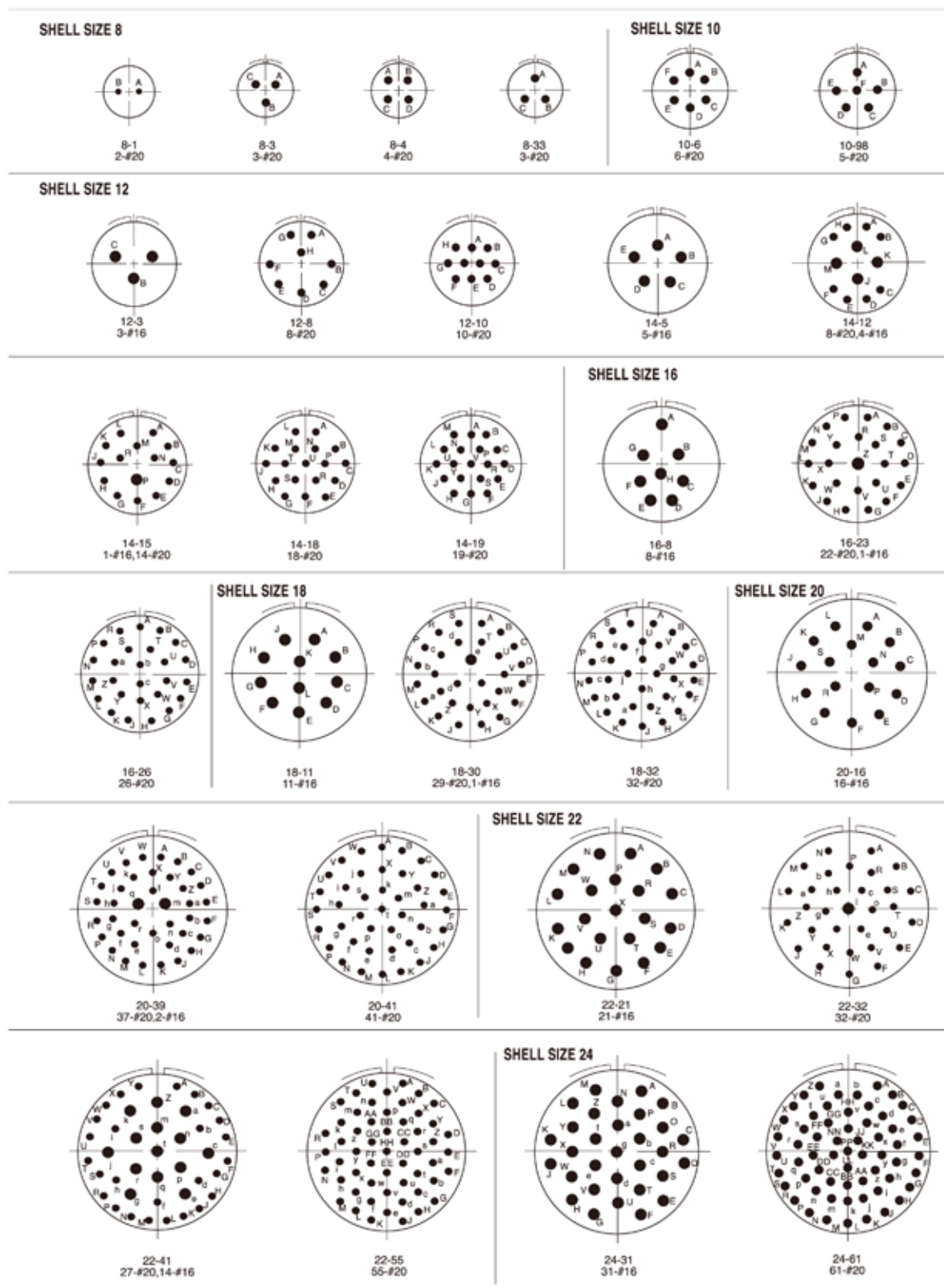
PANEL CUTOUTS
JAM NUT RECEPTACLE
MS3114 Type



Shell Size	A	B
8	14,68	13,72
10	17,86	16,89
12	22,61	21,03
14	25,78	24,18
16	28,96	27,33
18	32,13	30,51
20	35,31	33,68
22	38,48	36,86
24	41,66	40,03

MIL-C-26482 SE I Style

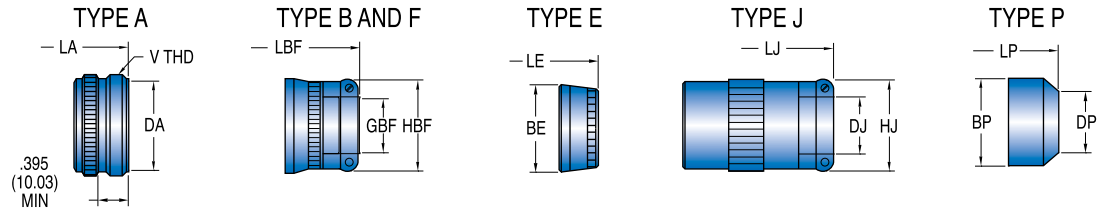
● Contact Arrangements



MIL-C-26482 SE I Style

Accessories

Endbells

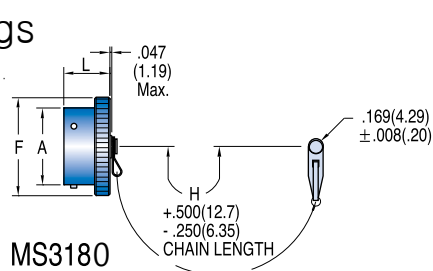


Inch(mm)

Shell Size	TYPE A			TYPE B and F			TYPE E	
	LA Max.	DA Min.	V Thread Class 2A	LBF Max.	HBF Max.	GBF Min.	BE Max.	LE Max.
i*8	1.440(36.58)	.335 (8.51)	1/2-28UNEF	1.960(48.41)	.828(21.03)	.115(2.02)	.608(15.44)	1.328(33.73)
10	1.440(36.58)	.446(11.84)	5/8-24UNEF	1.960(48.41)	.891(22.63)	.178(4.52)	.734(18.64)	1.328(33.73)
12	1.440(36.58)	.591(15.01)	3/4-20UNEF	1.960(48.41)	1.016(25.81)	.302(7.67)	.858(21.79)	1.328(33.73)
14	1.440(36.58)	.705(19.05)	7/8-20UNEF	1.960(48.41)	1.141(28.98)	.365(9.27)	.984(24.99)	1.328(33.73)
16	1.440(36.58)	.830(21.08)	1-20UNEF	2.047(51.99)	1.203(30.56)	.490(12.45)	1.110(28.19)	1.328(33.73)
18	1.662(42.21)	.948(24.08)	1-3/16-18UNEF	2.078(52.78)	1.469(37.31)	.615(15.62)	1.234(31.34)	1.328(33.73)
20	1.662(42.21)	1.043(26.49)	1-3/16-18UNEF	2.250(57.15)	1.469(37.31)	.615(15.62)	1.360(34.54)	1.453(36.91)
22	1.662(42.21)	1.198(30.43)	1-7/16-18UNEF	2.250(57.15)	1.656(42.06)	.740(18.80)	1.484(37.69)	1.453(36.91)
24	1.672(42.47)	1.293(32.84)	1-7/16-18UNEF	2.312(58.72)	1.750(44.45)	.790(20.07)	1.610(40.89)	1.510(38.54)

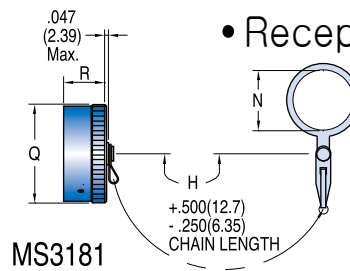
Shell Size	TYPE J			TYPE P		
	LJ Max.	HJ Max.	DJ Max./Min.	LP Max.	DP Min.	BP Max.
i*8	2.271 (57.68)	.828(21.03)	.230/.168(5.84/4.27)	1.500(38.10)	.317 (8.05)	.608(15.44)
10	2.271 (57.68)	.891(22.63)	.321/.205(7.92/5.21)	1.500(38.10)	.434(11.02)	.734(18.64)
12	2.411 (61.24)	1.016(25.81)	.442/.338(1.23/8.59)	1.500(38.10)	.548(13.92)	.858(21.79)
14	2.599 (66.01)	1.141(28.98)	.539/.416(13.56/10.57)	1.500(38.10)	.673(17.09)	.984(24.99)
16	2.943 (74.75)	1.203(30.56)	.616/.550(15.65/13.97)	1.500(38.10)	.798(20.27)	1.110(28.19)
18	3.172 (80.57)	1.469(37.310)	.672/.600(17.07/15.24)	1.500(38.10)	.899(22.83)	1.234(31.34)
20	3.610 (91.69)	1.469(37.310)	.747/.635(18.97/16.13)	1.609(40.87)	1.024(26.01)	1.360(34.54)
22	3.766 (95.66)	1.656(42.06)	.846/.670(21.49/17.02)	1.609(40.87)	1.149(29.18)	1.484(37.69)
24	3.985(101.22)	1.750(44.45)	.894/.740(22.71/18.80)	1.687(42.85)	1.274(32.36)	1.610(40.89)

Cap Plugs



MS3180

Receptacle Caps



MS3181

Inch(mm)

Shell Size	A ±.003(.08)	F Max.	H	L Max.	M ±.031 (79) -.000 (.00)	N Min	Q Max.	R Max.
8	.471(11.96)	.719(18.26)	3.000(76.20)	.562(14.27)	.562(14.27)	.578(14.68)	.734(18.64)	.562(14.27)
10	.588(14.94)	.844(21.44)	3.000(76.20)	.562(14.27)	.562(14.27)	.703(17.86)	.895(21.82)	.562(14.27)
12	.748(19.00)	1.000(25.40)	3.500(88.90)	.562(14.27)	.562(14.27)	.891(22.63)	1.000(28.58)	.562(14.27)
14	.873(22.17)	1.125(28.58)	3.500(88.90)	.562(14.27)	.562(14.27)	1.016(25.81)	1.125(28.58)	.562(14.27)
16	.998(25.35)	1.250(31.75)	3.500(88.90)	.562(14.27)	.562(14.27)	1.141(28.98)	1.250(31.75)	.562(14.27)
18	1.123(28.52)	1.375(34.93)	3.500(88.90)	.562(14.27)	.562(14.27)	1.266(32.16)	1.375(34.93)	.562(14.27)
20	1.248(31.70)	1.500(38.10)	4.000(101.60)	.625(15.88)	.625(15.88)	1.391(35.33)	1.500(38.10)	.562(14.27)
22	1.373(34.87)	1.625(41.26)	4.000(101.60)	.625(15.88)	.625(15.88)	.625(38.51)	1.625(41.26)	.562(14.27)
24	1.498(38.05)	1.750(44.45)	4.000(101.60)	.658(16.71)	.658(16.71)	.658(41.68)	1.750(44.45)	.602(15.29)

MIL-C-26482 SE I Style

● Contacts



Stainless Hood



Socket Contact Body



Solder Contact



Crimp Contact

● Contact engaging and separating forces

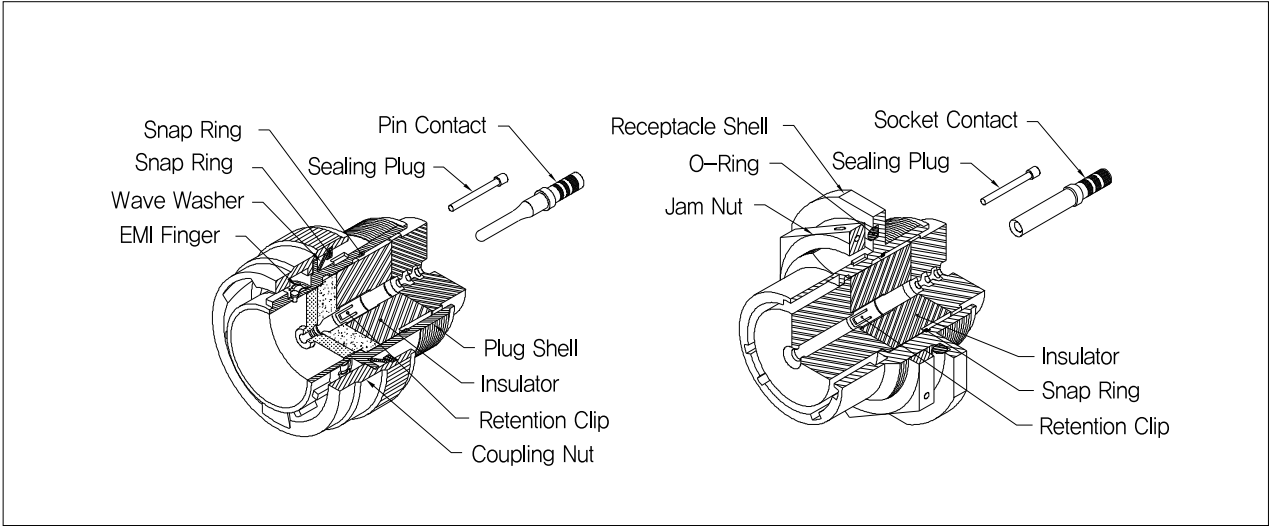
Contact mating end size	Minimum separation force(ounces) minimum diameter MS3197 Pin	Average engagement force(ounces) maximum diameter MS3197 Pin
20	0.75	10 ±10%
16	2	20 ±10%
12	3	20 ±10%



MIL-C-26482 SE II Style

● Ordering Information

- Sectioned View Connectors Rear Release Type



MS3470L18-32PW

SERIES PREFIX

SHELL STYLE

CLASS

SIZE

CONTACT ARRANGEMENT

CONTACT TYPE

ALTERNATE INSERT POSITION

- CLASS**
- A – Fluid resistant, 200 °C non-conductive (anodized)
 - L – Fluid resistant, 200°C conductive, finish (nickel)
 - W – Corrosive and fluid resistant, 175 °C (cadmium over nickel)

SHELL SIZE
8, 10, 12, 14, 16, 18, 20, 22 and 24

CONTACT ARRANGEMENTS
See page 40

CONTACT TYPE
P – Pin contact
S – Socket contact

ALTERNATE INSERT POSITIONS
No designation required for normal position.
Standard MS alternate positions available.

MIL-C-26482 SE II Style

● Components And Specifications

*Receptacle



MS 3470



MS 3471



MS 3472

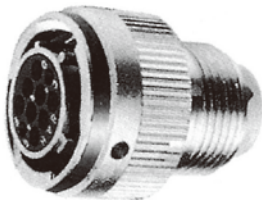


MS 3474

*Plug



MS 3475



MS 3476

● MIL-C-26482

Contact Rating	Contact Size	Rated Amps	Test Current	Millivolt Drop
	20		7,5	less than 55
	16		13,0	less than 50
	12		23,0	less than 50

● Voltage Rating

Altitude		Mated Service Rating	
ft.	m	I	II
Sea level	—	1500	2,300
50	15,240	500	750
70	21,336	375	500
100	30,480	200	200

● Wire Range Accommodations

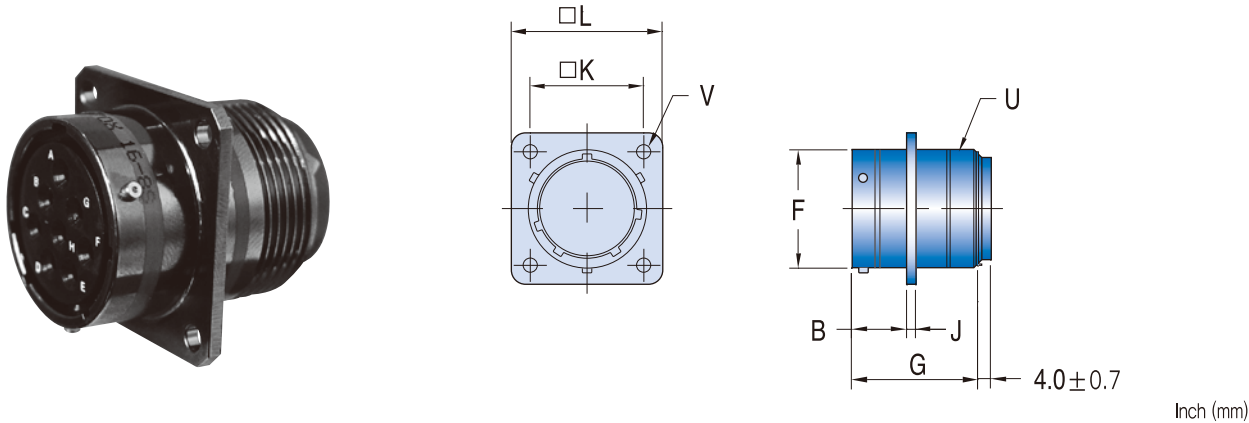
Contact Size	Solder Pot Diameter	AWG Wire Size	Conductor Cross Section	Area
20	ø 1,0	24,22 and 20	0,5mm max	
16	ø 1,6	20,18 and 16	1,25mm max	
12	ø 2,4	14 and 12	3,5mm max	

● Standard Materials & Finishes

Shell	Aluminiumally	Electroless Nickel Per MIL-C-26074, and anodized per MIL-A-8625 or olive drab cadmium over nickel
Insulators	Rigid dielectric	None
Elastomers (grommets, interfacial and "O" ring seals	Silicone rubber or Fluorsilicon rubber	None
Contacts	Copper alloy	Gold plate
Coupling Nut	Aluminium alloy	Electroless nickel per MIL-C-2607 anodized per MIL-A-8525 or olive drab Cadmium over nickel or zinc over nickel
Jam Nut	Aluminium alloy	

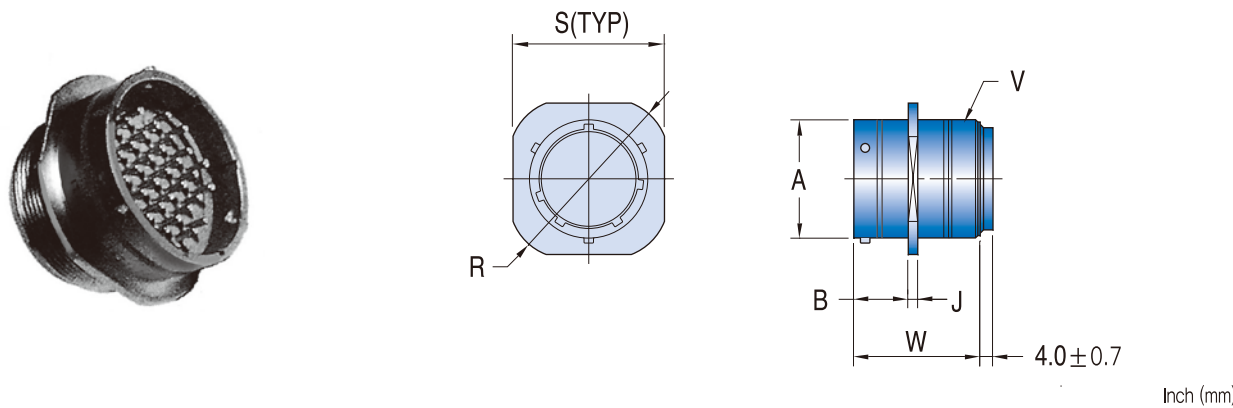
MIL-C-26482 SE II Style

● MS3470 Narrow Flange Receptacle



Shell Size*	B Max.	F Max.	G Max.	J Max.	K	L	U Thread UNEF Class 2A	Ø V 4 HOLES
8	.462 (11.73)	.474(12.04)	1.215(30.85)	.078(1.98)	.594(15.09)	.828(21.03)	1/2-20	.115/.125(2.92/3.18)
10	.462 (11.73)	.594(15.01)	1.215(30.85)	.078(1.98)	.719(18.26)	.954(24.23)	5/8-24	.115/.125(2.92/3.18)
12	.462 (11.73)	.751(19.08)	1.215(30.85)	.078(1.98)	.812(20.62)	1.047(26.59)	3/4-20	.115/.125(2.92/3.18)
14	.462 (11.73)	.876(22.25)	1.215(30.85)	.078(1.98)	.906(23.01)	1.141(28.98)	7/8-20	.115/.125(2.92/3.18)
16	.462 (11.73)	1.001(25.43)	1.215(30.85)	.078(1.98)	.969(24.61)	1.234(31.34)	1-20	.115/.125(2.92/3.18)
18	.462 (11.73)	1.126(28.60)	1.215(30.85)	.078(1.98)	1.062(26.97)	1.328(33.73)	1-1/16-18	.115/.125(2.92/3.18)
20	.587 (14.91)	1.251(31.78)	1.275(32.40)	.110(2.79)	1.156(29.36)	1.453(36.91)	1-3/16-18	.115/.125(2.92/3.18)
22	.587 (14.91)	1.376(34.95)	1.275(32.40)	.110(2.79)	1.250(31.75)	1.578(40.08)	1-5/16-18	.115/.125(2.92/3.18)
24	.620 (15.75)	1.501(38.13)	1.275(32.40)	.110(2.79)	1.375(34.93)	1.703(43.26)	1-7/16-18	.142/.152(3.61/3.86)

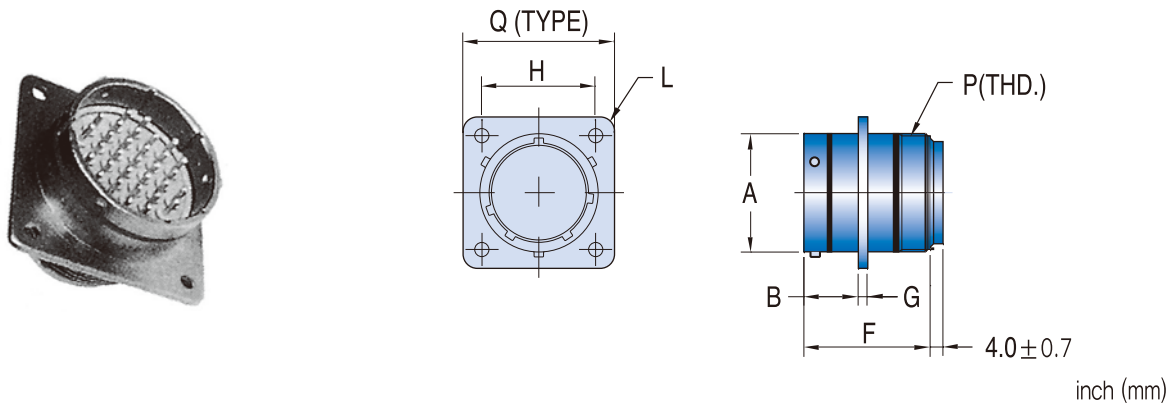
● MS3471 Cable Connecting Receptacle



Shell Size	A Max.	B Max.	J Max.	R Dia. Max.	S Max.	W Max.	V Thread UNEF Class 2A
10	.591(15.01)	.462(11.73)	.078(1.98)	1.082(27.48)	.954(24.23)	1.251(30.86)	5/8-24
12	.751(19.08)	.462(11.73)	.078(1.98)	1.176(29.87)	1.047(26.59)	1.251(30.86)	3/4-20
14	.876(22.25)	.462(11.73)	.078(1.98)	1.270(32.26)	1.141(28.98)	1.251(30.86)	7/8-20
16	1.001(25.43)	.462(11.73)	.078(1.98)	1.364(34.64)	1.234(31.34)	1.251(30.86)	1-20
18	1.126(28.60)	.462(11.73)	.078(1.98)	1.458(37.03)	1.328(33.73)	1.251(30.86)	1-1/16-18
20	1.251(31.78)	.587(14.91)	.110(2.79)	1.708(43.38)	1.578(40.08)	1.251(32.38)	1-5/16-18
22	1.376(34.95)	.587(14.91)	.110(2.79)	1.708(43.38)	1.578(40.08)	1.251(32.38)	1-5/16-18
24	1.501(38.13)	.620(15.75)	.110(2.79)	1.832(46.53)	1.703(43.26)	1.251(32.38)	1-7/16-18

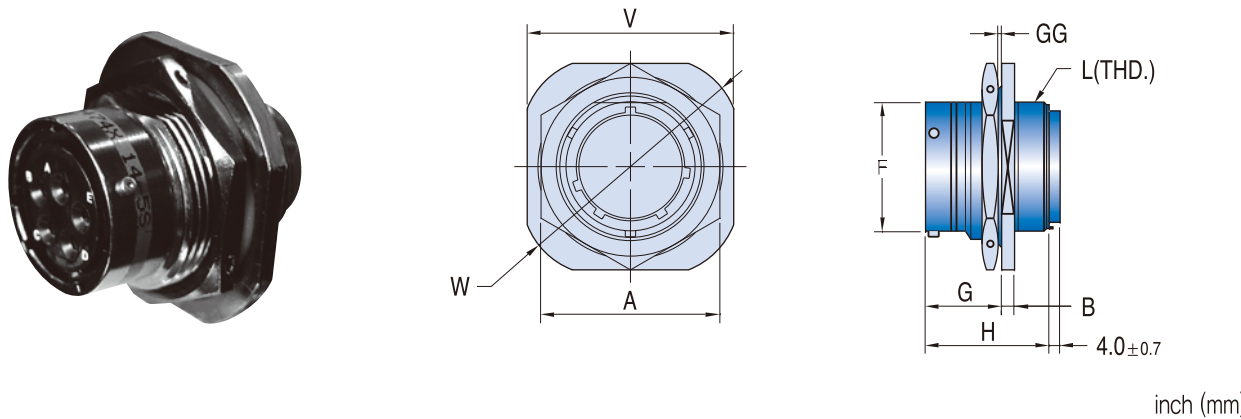
MIL-C-26482 SE II Style

● MS3472 Wide Flange Receptacle



Shell Size*	A Max.	B Max.	F Max.	G Max.	H Max.	Q Max.	P Thread UNEF Class-2A	Ø L 4 HOLES
10	.591(15,01)	.493(12,52)	1,215(30,85)	.078(1,98)	.812(20,62)	1,141(28,98)	5/8-24	.150 ±.005(3,81 ± 0.13)
12	.751(19,08)	.493(12,52)	1,215(30,85)	.078(1,98)	.938(23,83)	1,266(32,16)	3/4-20	.150 ±.005(3,81 ± 0.13)
14	.876(22,25)	.493(12,52)	1,215(30,85)	.078(1,98)	1,031(26,19)	1,360(34,54)	7/8-20	.150 ±.005(3,81 ± 0.13)
16	1,001(25,43)	.493(12,52)	1,215(30,85)	.078(1,98)	1,125(28,58)	1,453(36,91)	1-20	.150 ±.005(3,81 ± 0.13)
18	1,126(28,60)	.493(12,52)	1,215(30,85)	.078(1,98)	1,203(30,56)	1,532(38,91)	1-1/16-18	.150 ±.005(3,81 ± 0.13)
20	1,251(31,78)	.587(14,91)	1,275(32,40)	.110(1,98)	1,297(32,94)	1,688(42,88)	1-3/16-18	.150 ±.005(3,81 ± 0.13)
22	1,376(34,95)	.587(14,91)	1,275(32,40)	.110(1,98)	1,375(34,93)	1,766(44,86)	1-5/16-18	.150 ±.005(3,81 ± 0.13)
24	1,501(38,13)	.620(15,75)	1,275(32,40)	.110(1,98)	1,500(38,10)	1,891(48,03)	1-7/16-18	.150 ±.005(3,81 ± 0.13)

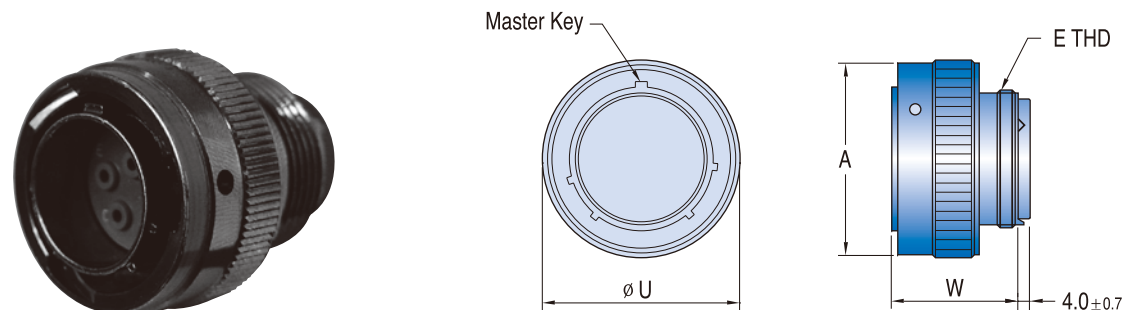
● MS3474 Jam Nut Receptacle



Shell Size	V Max.	A Max.	B Max.	F Max.	G Max.	GG panel Thickness	H Max.	W Dia. Max.	L Thread UNEF Class-2A
8	.954(24,23)	.767(19,48)	.113(2,87)	.474(12,04)	.707(17,96)	.187/.062(4,75/1,57)	1,215(30,86)	1,078(27,38)	1/2-20
10	1,078(27,38)	.892(22,66)	.113(2,87)	.591(15,01)	.707(17,96)	.187/.062(4,75/1,57)	1,215(30,85)	1,203(30,56)	5/8-24
12	1,266(32,16)	1,079(27,41)	.113(2,87)	.751(19,08)	.707(17,96)	.187/.062(4,75/1,57)	1,215(30,85)	1,391(35,33)	3/4-20
14	1,391(35,33)	1,205(30,61)	.113(2,87)	.876(22,25)	.707(17,96)	.187/.062(4,75/1,57)	1,215(30,85)	1,516(38,51)	7/8-20
16	1,516(38,51)	1,329(33,76)	.113(2,87)	1,001(25,43)	.707(17,96)	.187/.062(4,75/1,57)	1,215(30,85)	1,641(41,68)	1-20
18	1,641(41,68)	1,455(36,96)	.113(2,87)	1,126(28,60)	.707(17,96)	.187/.062(4,75/1,57)	1,215(30,85)	1,766(44,86)	1-1/16-18
20	1,828(46,43)	1,579(40,11)	.148(3,76)	1,251(31,78)	.772(19,61)	.250/.062(6,35/1,57)	1,275(32,40)	1,954(49,63)	1-3/16-18
22	1,954(49,63)	1,705(40,11)	.148(3,76)	1,376(34,95)	.772(19,61)	.250/.062(6,35/1,57)	1,275(32,40)	2,078(52,78)	1-5/16-18
24	2,078(52,78)	1,829(46,46)	.148(3,76)	1,501(38,13)	.772(19,61)	.219/.062(5,56/1,57)	1,275(32,40)	2,203(55,96)	1-7/16-18

MIL-C-26482 SE II Style

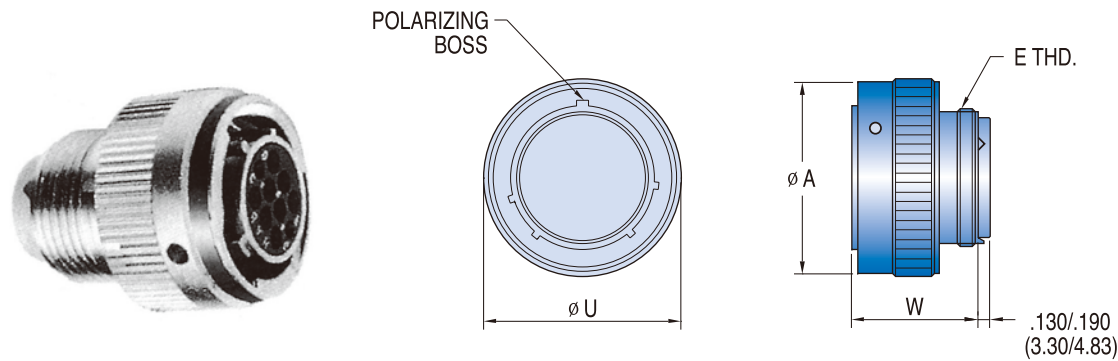
● MS3475 Straight Plug, RFI Shielded



Inch (mm)

Shell Size*	E Thread UNEF Class-2A	A Dia. Max.	U Max.	W Max.
10	5/8-24	.840(21.34)	.926(21.72)	1.230(31.24)
12	3/4-20	.999(25.37)	1.043(26.42)	1.230(31.24)
14	7/8-20	1.139(28.93)	1.183(29.97)	1.230(31.24)
16	1-20	1.261(32.03)	1.305(33.15)	1.230(31.24)
18	1-1/16-18	1.337(33.96)	1.391(35.33)	1.230(31.24)
20	1-3/16-18	1.477(37.52)	1.531(38.89)	1.230(31.24)
22	1-5/16-18	1.602(40.69)	1.656(42.06)	1.230(31.24)
24	1-7/16-18	1.723(43.76)	1.777(45.14)	1.230(31.24)

● MS3476 Straight Plug



Inch (mm)

Shell Size	A Dia. Max.	U Max.	W Max.	E Thread UNEF Class 2A
8	.765(19.43)	.782(19.86)	1.230(31.24)	1/2-20
10	.840(21.34)	.926(23.52)	1.230(31.24)	5/8-24
12	.999(25.37)	1.043(26.49)	1.230(31.24)	3/4-20
14	1.139(28.93)	1.183(30.05)	1.230(31.24)	7/8-20
16	1.261(32.03)	1.305(33.15)	1.230(31.24)	1-20
18	1.337(33.96)	1.391(35.33)	1.230(31.24)	1-1/16-18
20	1.477(37.52)	1.531(38.89)	1.230(31.24)	1-3/16-18
22	1.602(40.69)	1.656(42.06)	1.230(31.24)	1-5/16-18
24	1.723(43.76)	1.777(45.14)	1.230(31.24)	1-7/16-18

MIL-C-26482 SE II Style

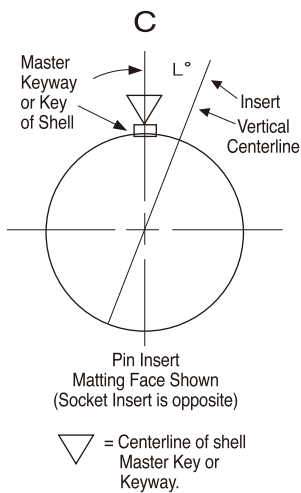
● Insert Arrangement & Clocking Positions (Per MIL-STD-1669)

Polarization

Clocking positions

1. In the normal insert clocking position (position N), the insert centerline coincides with the centerline of the master key/ keyway of the shell.

2. In the alternate insert clocking position (W, X, Y, Z), the pin insert is rotated clockwise relative to the centerline of the master key/keyway as indicated in the figure and chart. The socket insert is rotated counter-clock wise.



Insert Arrangement and Clocking Positions (Per MIL-STD-1669)

Shell Size & Insert Arrangement	L Degrees					Shell Size & Insert Arrangement
	N°	W°	X°	Y°	Z°	
8-3	0	60	210	—	—	I
8-4	0	45	—	—	—	I
8-33	0	90	—	—	—	I
8-98	0	—	—	—	—	I
10-6	0	90	—	—	—	I
10-98	0	90	180	240	270	I
12-3	0	—	—	180	—	II
12-8	0	90	112	203	292	I
12-10	0	60	155	270	295	I
14-4	0	45	—	—	—	I
14-5	0	40	92	184	273	I
14-9	0	15	90	180	270	I
14-12	0	43	90	—	—	I
14-15	0	17	110	155	234	I
14-18	0	15	90	180	270	I
14-19	0	30	165	315	—	I
14-22	0	45	—	—	—	I
16-8	0	54	152	180	331	II
16-14	0	25	78	180	240	I
16-23	0	158	270	—	—	I
16-26	0	60	—	275	338	I
16-95	0	25	90	153	—	I
16-99	0	66	156	223	340	I
18-8	0	180	—	—	—	I
18-11	0	62	119	241	340	II
18-30	0	18	193	285	350	I
18-32	0	85	138	222	265	I
18-85	0	45	90	180	240	I
18-88	0	12	45	168	202	I
20-16	0	238	318	333	347	II
20-24	0	70	145	215	290	I
20-27	0	72	14	216	288	I
20-39	0	63	144	252	333	I
20-41	0	45	126	225	—	I
20-90	0	18	60	240	270	I
22-12	0	—	—	—	—	I
22-19	0	15	90	225	308	I
22-21	0	16	135	175	349	II
22-32	0	72	145	215	288	I
22-34	0	62	142	218	298	I
22-41	0	39	135	264	—	I
22-55	0	30	142	226	314	I
22-95	0	26	180	266	—	I
22-96	0	19	41	—	—	I
24-19	0	30	165	315	—	II
24-27	0	45	110	140	225	I
24-31	0	90	225	255	—	I
24-61	0	90	180	270	324	I

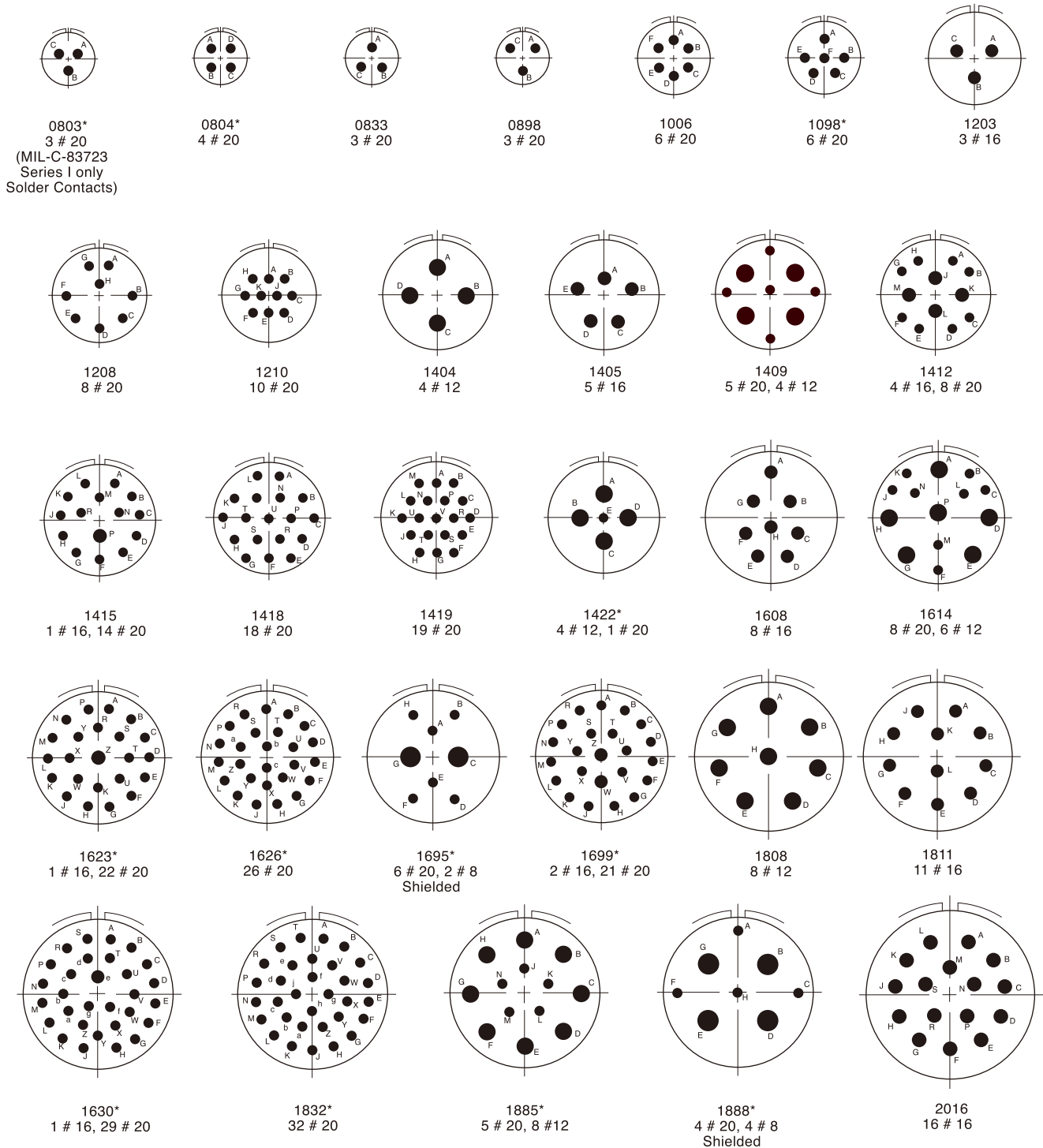
MIL-C-26482 SE II Style

● Contact Arrangement

Insert Arrangements(per MIL-STD-1669)

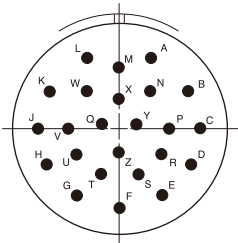
Number identification example : 0833(Insert arrangement No.)

3#20(Contact quantity and size)

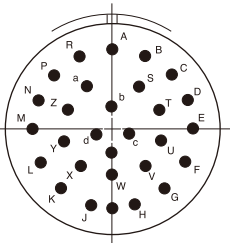


MIL-C-26482 SE II Style

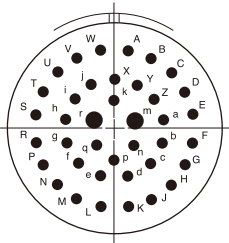
● Contact Arrangement (per MIL-STD-1669)



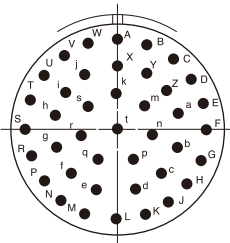
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24 # 20



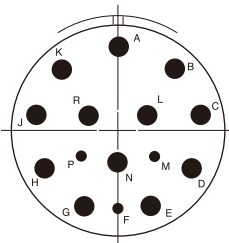
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27 # 20



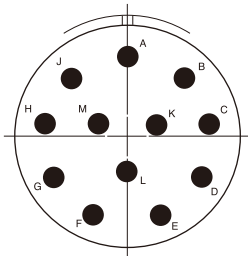
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2 # 16, 37 # 20



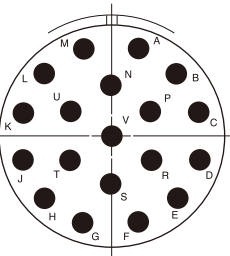
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41 # 20



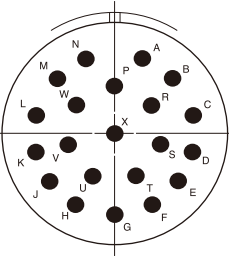
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3 # 20, 12 # 12



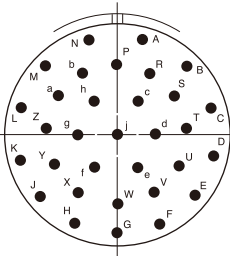
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12 # 12



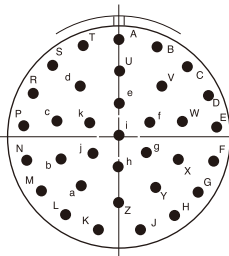
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19 # 12



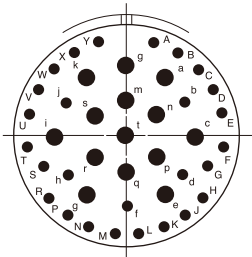
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21 # 16



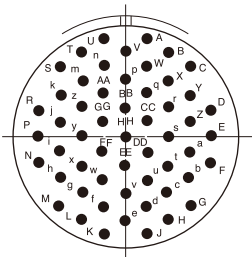
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32 # 20



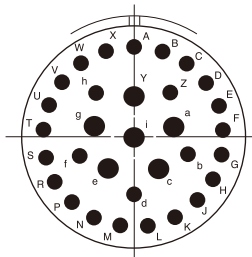
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34 # 20



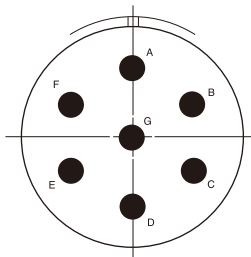
2241
14 # 16, 27 # 20



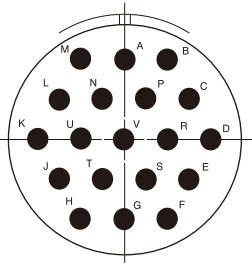
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55 # 20



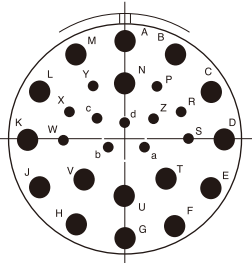
2295*
6 # 12, 26 # 20



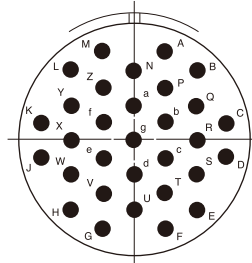
2296*
7 # 8 Shielded



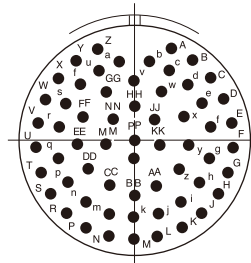
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19 # 12



2427*
11 # 20, 16 # 12



2431
31 # 16

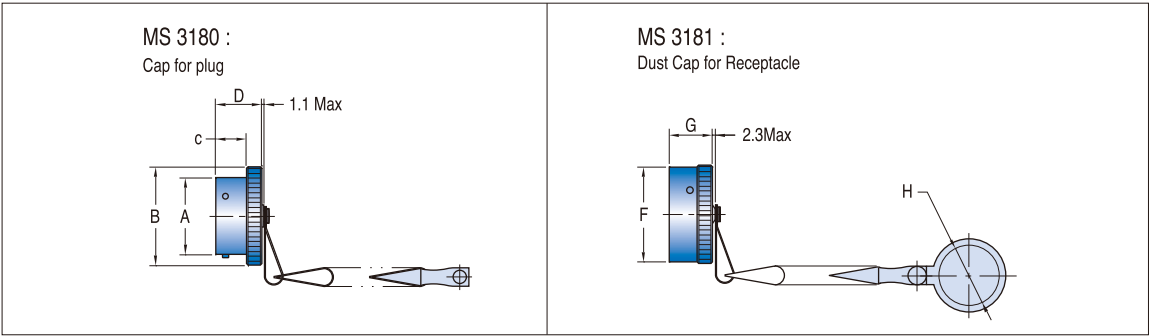


2461
61 # 20

MIL-C-26482 SE II Style

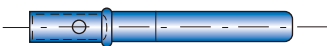
● Accessories

• Protective Metal Cap



mm								
Shell Size	ø A +0,03 0,13	ø B Max	C +0,25 -0,00	D Max	E +12,7 -6,35	ø F Max	G Max	ø H Min
8	12,01	18,26	9,35	14,27	76,2	18,64	14,27	14,68
10	14,99	21,44	9,35	14,27	76,2	21,82	14,27	17,86
12	19,05	25,40	9,35	14,27	88,9	25,40	14,27	22,63
14	22,22	28,58	9,35	14,27	88,9	28,58	14,27	25,81
16	25,40	31,75	9,35	14,27	88,9	31,75	14,27	28,98
18	28,58	34,92	9,35	14,27	88,9	34,92	14,27	32,16
20	31,75	38,10	10,92	15,88	101,6	38,10	14,27	35,33
22	34,92	41,28	10,92	15,88	101,6	41,28	14,27	38,51
24	38,10	44,45	11,76	16,71	101,6	44,45	15,29	41,68

• Contacts, Sealing Plugs and Assembly Tools



Socket Contact



Pin Contact



Sealing Plug

Contact size	Wire Range		Socket Contacts	Pin Contacts	Sealing plugs
	AWG	mm	Military Part No.	Military Part No.	Military Part No.
20	24-20	0,2-0,6	M39029/5-115	M39029/4-110	MS27488-20
16	20-16	0,5-1,4	M39029/5-116	M39029/4-111	MS27488-16
12	14-12	2-3	M39029/5-118	M39029/4-113	MS27488-12

• Crimping Tools

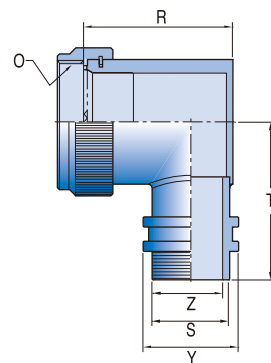
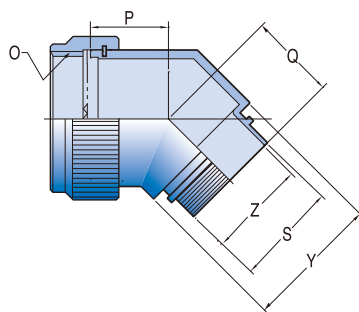
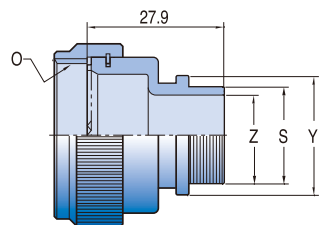
Contact size	Wire Range		Finished Wire Dia. Range		Crimping Tool	Turret or Positioner
	AWG	mm	Inch	mm		
20	24-20	0,2-0,6	.040-.083	1,02-2,11	M22520/1-01 or/2-01	M22520/1-02 or/2-02
16	20-16	0,5-1,4	.053-.103	1,34-2,62	M22520/1-01	M22520/1-02
12	14-12	2-3	.097-.158	2,46-4,01	M22520/1-01	M22520/1-02

• Insertion/Extraction Tools

Contact Size	Color Code	Military Part No.
20	Rd./Wh.	M81969/14-11
16	Bl./Wh.	M81969/14-03
12	Yel./Wh.	M81969/14-04

MIL-C-26482 SE II Style

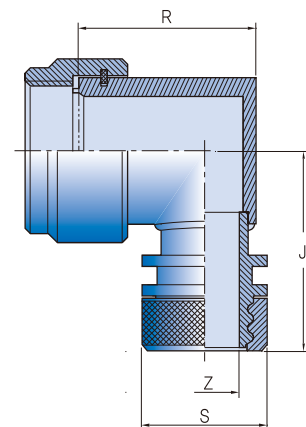
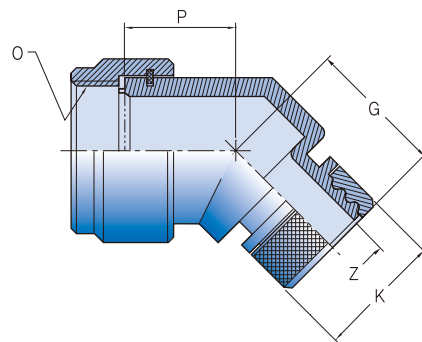
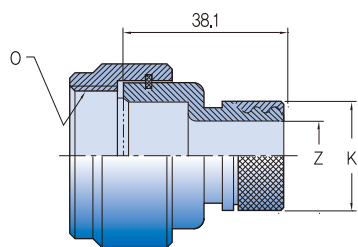
- Accessories
 - EMI, EMC Adapters



Shell Size	O Thread-2B	P	Q	T
8	1/2-20UNEF	19,1	23,1	27,9
10	5/8-20UNEF	19,6	23,6	29,5
12	3/4-20UNEF	20,3	24,1	31,0
14	7/8-20UNEF	20,8	24,6	32,5
16	1-20UNEF	21,3	25,4	34,3
18	1 1/16-18UNEF	21,8	25,7	35,6
20	1 3/16-18UNEF	22,4	26,4	37,1
22	1 5/16-18UNEF	23,1	26,9	38,9
24	1 7/16-18UNEF	23,6	27,7	40,4

Entry Size	Z	S	Y	R
04	6,3	9,5	14,0	28,4
05	7,9	11,1	15,5	30,2
06	9,5	12,7	17,1	31,8
07	11,0	14,3	18,7	33,3
08	12,7	15,9	20,3	35,1
10	15,8	19,1	23,5	38,1
12	19,0	22,2	26,7	41,1
14	22,2	25,4	29,8	44,5
16	25,4	28,6	33,0	47,8
18	28,5	31,8	36,2	50,8
20	31,7	34,9	39,4	53,8

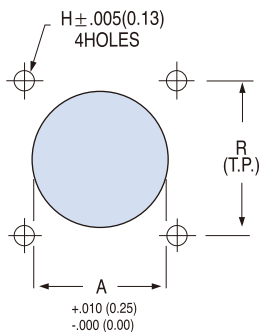
mm



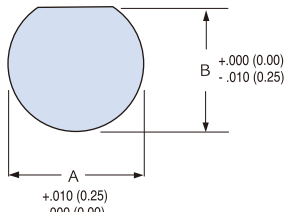
MIL-C-26482 SE II Style

- Panel Cutouts

Box and Wall Mounting Receptacle



Jam Nut Receptacle



Inch(mm)

Shell Size	A dia. — inches(mm)		R — inches(mm)	H ±.005	Screw*	A	B
	FRONT	REAR					
#8	.500(12,70)	.551(14,0)	.594(15,09)	.125(3,17)	#4	.578(14,68)	.540(13,72)
10	.630(16,00)	.669(17,0)	.719(18,26)	.125(3,17)	#4	.703(17,86)	.665(16,89)
12	.751(19,75)	.866(22,0)	.812(20,62)	.125(3,17)	#4	.890(22,61)	.828(21,02)
14	.876(22,25)	.984(25,0)	.906(23,01)	.125(3,17)	#4	1,015(25,78)	.952(24,18)
16	1,001(25,43)	1,102(28,0)	.969(24,61)	.125(3,17)	#4	1,140(28,96)	1,076(27,33)
18	1,126(28,60)	1,220(31,0)	1,062(26,97)	.125(3,17)	#4	1,265(32,13)	1,201(30,51)
20	1,251(31,78)	1,358(34,5)	1,156(29,36)	.125(3,17)	#4	1,390(35,31)	1,326(33,68)
22	1,376(34,95)	1,476(37,5)	1,250(31,75)	.125(3,17)	#4	1,515(38,48)	1,451(36,86)
24	1,501(38,13)	1,614(41,0)	1,375(34,92)	.155(3,94)	#6	1,640(41,66)	1,576(40,03)