



**Table 2**

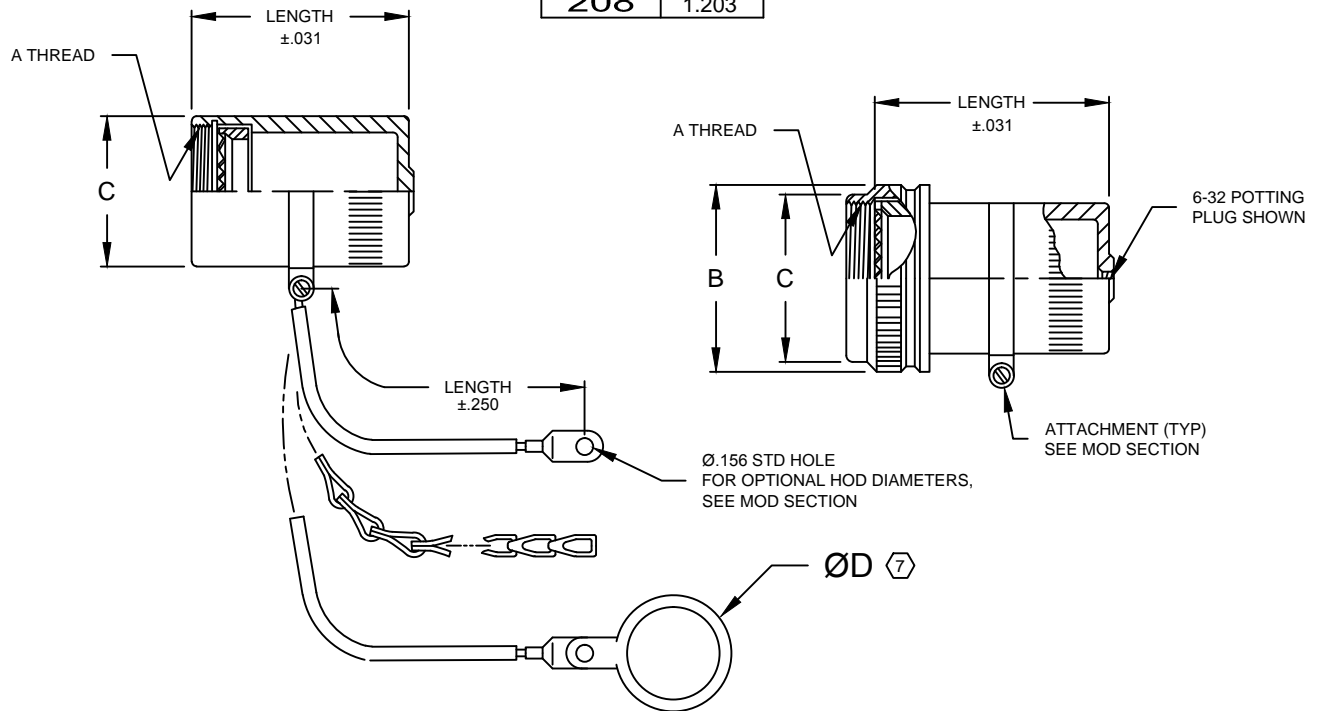
CONN CODE NUMBER	MIN ORDER LENGTH	MIN LENGTH CODE
18	1.500	06
21	1.000	04
30	1.500	06
32	1.500	06
40	1.000	04
41	1.000	04
51	1.000	04
54	1.000	04
61	1.500	06
76	1.250	05

**Table 3 - Solid Ring**

DASH NUMBER	ØD ±.015
095	.312
100	.391
101	.516
102	.583
103	.641
104	.708
105	.766
205	.788
106	.896
206	.907
107	1.016
207	1.025
108	1.141
308	1.188
208	1.203

**Table 3 - CON'T**

DASH NUMBER	ØD ±.015
109	1.266
209	1.312
110	1.391
210	1.438
111	1.521
211	1.536
112	1.641
113	1.766
213	1.812
114	1.891
214	1.938
115	2.078
116	2.406
117	2.510



**ASSEMBLY PART NUMBER**

TO ESTABLISH YOU P/N, USE THE FOLLOWING EXAMPLE

**A 41 16 S 23 C 07 B 10 51**

FUNCTION DESIGNATOR  
 A-NON EMI ADAPTER

CONNECTOR CODE NUMBER - TABLE 1 ⑥

SERIES PART NUMBER

ADAPTER STYLE  
 S = STRAIGHT SPIN COUPLING ADAPTER  
 B = STRAIGHT BASIC ADAPTER

ACCESSORY ORDER NUMBER-TABLE 1

CHAIN AND POTTING PROVISION OPTION  
 0 - NONE  
 1 - Ø.188 (3/16") HOLE  
 2 - HOLE WITH 6-32 PLUG  
 R - WIRE ROPE  
 C - LINK CHAIN

MOD CODE ⑥

PLATING CODE NUMBER-TABLE 4 ⑥

LENGTH CODE NUMBER  
 LENGTHS ARE CHOSEN IN 1/4" INCREMENTS  
 (IE 08=2.00") SEE TABLE 2 FOR MINIMUM

GLAND & O'RING MATERIAL OPTION  
 B - NEOPRENE & BUNA-N  
 S - SILICONE  
 N - NONE REQUIRED (NON ENVIROMENTAL)

CHAIN WIRE ROPE LENGTH CODE NUMBER  
 LENGTHS ARE CHOSEN IN 1/2" INCREMENTS  
 (IE 06=3.00") MINIMUM IS 2.00" (04)  
 INSERT 00 IF ATTACHMENT IS NOT REQUIRED

# Table 1 - Order Number Data

## Accessory Order Number By Connector Code & Shell Size

ORDER NUMBER	MS3100 SERIES	MIL-DTL-5015 SOLDER CONTACT	MIL-DTL-28482 SERIES I	MIL-DTL-22982 CLASS C, J & R	MIL-DTL-38989 SERIES III & IV	MIL-DTL-38989 SERIES I & II	MIL-DTL-5015 CRIMP	MIL-DTL-28482 SER 2	MIL-DTL-83723 SER. III	MIL-C-81703 NAS 1589	LITTON, VEAM, CIR SERIES	MIL-C-81511 SERIES 1, 2, 3 & 4	PATT 105	PATT 603	PATT 608	A UNIFIED THREAD	B MAX DIA.	C MAX DIA.	ORDER NUMBER
	18 ④	21	32 ②	40 ③	41	54	64	61	76										
01	8S (B)															.375-32	.750	.531	01
03	8S (A)															.438-27	.812	.594	03
04	8S (C)	8			8, 9									8		.438-28	.812	.594	04
05						8 & 8S										.500-20	.875	.656	05
06	10S (-)										8, A					.500-28	.875	.656	06
07				9, A											M12 x 1.0	.719	.656	07	
08	10SL (C)	10			10, 11			3					10		.562-24	.844	.719	08	
10	10SL(A,B), 12,12S(B,C)					10,10S,10SL			12						.625-24	1.000	.781	10	
11										10, B					.625-28	1.000	.781	11	
12				11, B											M15 x 1.0	.844	.781	12	
13	12 & 12S (A)	12			12, 13								12		.688-24	1.062	.844	13	
15	14 & 14S (-)		12			12 & 12S	7	14							.750-20	1.125	.906	15	
16				13, C											M18 x 1.0	.969	.906	16	
18		14			14, 15								14		.812-20	1.188	.969	18	
19	16 & 16S (-)		14			14 & 14S	12	16							.875-20	1.250	1.031	19	
20											14, D				.875-28	1.250	1.031	20	
21				15, D											M22 x 1.0	1.094	1.031	21	
23		16			16, 17								16		.938-20	1.312	1.094	23	
24	18 (-)		16			16 & 16S	19	18							1.000-20	1.375	1.156	24	
25											16, E				1.000-28	1.375	1.156	25	
26				17, E											M25 x 1.0	1.219	1.156	26	
28		18			18, 19	18	27						18		1.062-18	1.438	1.219	28	
29	20 (-)		18						20						1.125-18	1.500	1.281	29	
30	20 (R)														1.125-24	1.500	1.281	30	
31										18, F					1.125-28	1.500	1.281	31	
32				19, F											M28 x 1.0	1.344	1.281	32	
34		20			20, 21	20	37						20		1.188-18	1.562	1.344	34	
35	22 (-)		20												1.250-18	1.625	1.406	35	
36											20, G				1.250-28	1.625	1.406	36	
37				21, G											M31 x 1.0	1.469	1.406	37	
39		22			22, 23	22							22		1.312-18	1.688	1.469	39	
40	24 (-)		22						24						1.375-18	1.750	1.531	40	
41											22, H				1.375-28	1.750	1.531	41	
42				23, H											M34 x 1.0	1.594	1.531	42	
44		24			24, 25	24							24		1.438-18	1.812	1.594	44	
45								61							1.500-18	1.875	1.656	45	
46											24, J				1.500-28	1.875	1.656	46	
47				25, J											M37 x 1.0	1.719	1.656	47	
48															1.562-18	1.938	1.719	48	
49	28 (-)		24						28						1.625-18	2.000	1.781	49	
51							28								1.750-18	2.125	1.906	51	
52	32 (B,C)		28							32					1.875-16	2.250	2.031	52	
53	32 (A,R)														1.906-18	2.281	2.062	53	
54							32								2.000-18	2.375	2.156	54	
55	36 (B)		32							36					2.062-16	2.469	2.219	55	
56	36 (R)														2.062-24	2.469	2.219	56	
57	36 (C)														2.125-16	2.500	2.281	57	
58	36 (A)														2.125-18	2.500	2.281	58	
59						36									2.250-16	2.625	2.406	59	
60	40 (B)		36							40					2.312-16	2.719	2.469	60	
61	40 (A,C)														2.375-16	2.750	2.531	61	
62						40									2.500-16	2.875	2.656	62	

NOTES: UNLESS OTHERWISE SPECIFIED.

1 THREADS ARE RIGHT HAND IN ACCORDANCE WITH FED-STD-H28, CLASS 2B.

② THREADS NOTED ARE LEFT HAND, CLASS 2B.

③ THREADS NOTED ARE ISO METRIC, CLASS 6H.

④ CODE 18 SHELL SIZES ARE FOLLOWED IN PARENTHESIS BY CONNECTOR MFR CODE. SEE CONNECTOR CODE 18 CHART AT RIGHT & EXAMPLE PART NUMBER FOR DETAILS.

5 TABLE 1 LISTS THE MOST USED CONNECTOR CODES. SEE SECTION 11 FOR OTHER CODES AVAILABLE AND COMPLETE CONNECTOR PART NUMBER CROSS REFERENCE.

⑥ SEE SUPPORT DATA SECTION FOR PLATING AND MODIFICATION CODE OPTIONS.

⑦ SEE TABLE 3 FOR OPTIONAL RING DIAMETERS ADD DASH NO. TO END OF PART NUMBER OMIT IF STANDARD DIAMETERS ARE REQ'D.

### ④ Connector Code 18 Chart

CONNECTOR CODE	CONNECTOR MANUFACTURER (MS3100, MS3101, MS3106 & MS3107)
A	AMPHENOL, CLASS A
B	BENDIX, CLASS A, E & R
C	CANNON, CLASS A, E & R
D	MFR. UNKNOWN, CLASS A, E & R
R	AMPHENOL, CLASS R
-	MFR. CODE NOT REQUIRED