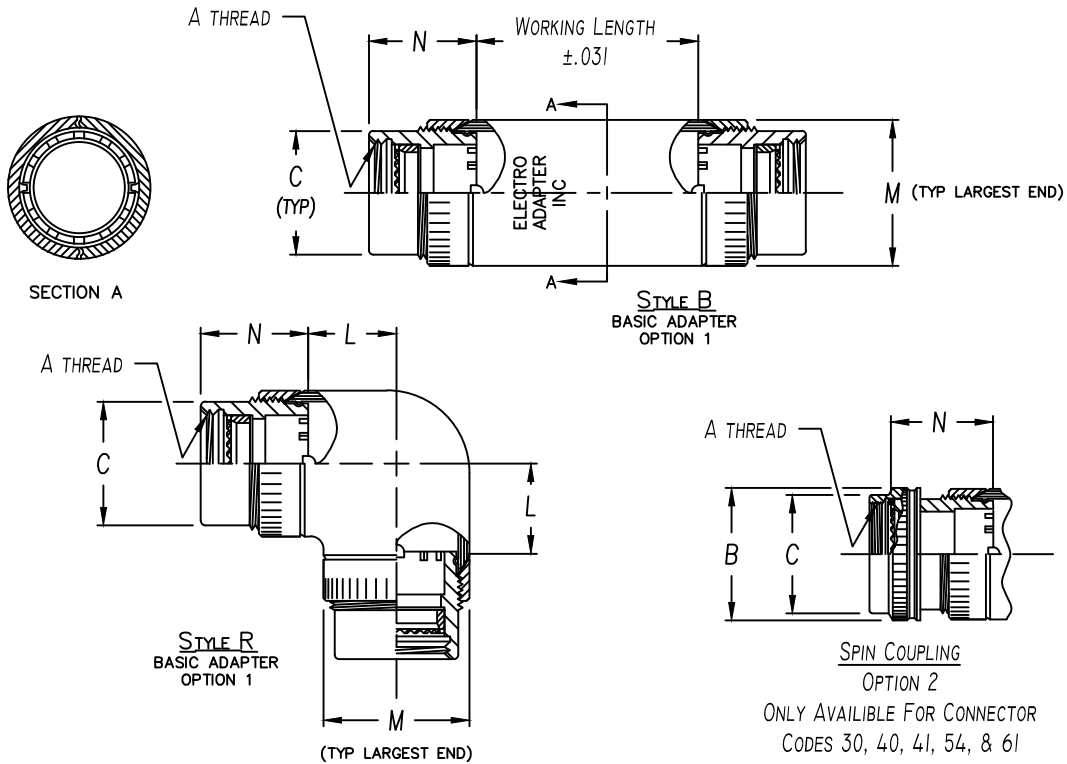




Table 2

CONN CODE NUMBER	N MAX	M ±.031 DIA. BY ACCESSORY ORDER NUMBER			
		1.250	1.469	1.688	1.875
18	1.250	01 - 19	24 - 30	35, 40	49
19	1.188	04 - 19	24, 29	35, 40	49
21	1.000	04 - 23	28, 34	39, 44	-
30	1.375	15, 19	24, 29	35, 44	48
32	1.625	15, 19	24, 29	35, 40	49
40	1.062	07 - 21	26, 32	37, 47	-
41	1.000	04 - 23	28, 34	39, 44	-
47	1.000	04 - 23	28, 34	39, 44	-
51	1.000	04 - 23	28, 34	39, 44	-
54	.719	05 - 19	24 - 34	39, 44	51
61	.875	06 - 25	31	36, 41	-
76	1.000	04 - 23	28, 34	39, 44	-
		.750	.875	1.000	1.125
		L ±.062 DIA. BY ACCESSORY ORDER NUMBER			



ASSEMBLY PART NUMBER

TO ESTABLISH YOUR P/N, USE THE FOLLOWING EXAMPLE

A 41 03 B 22 18 09 1 51

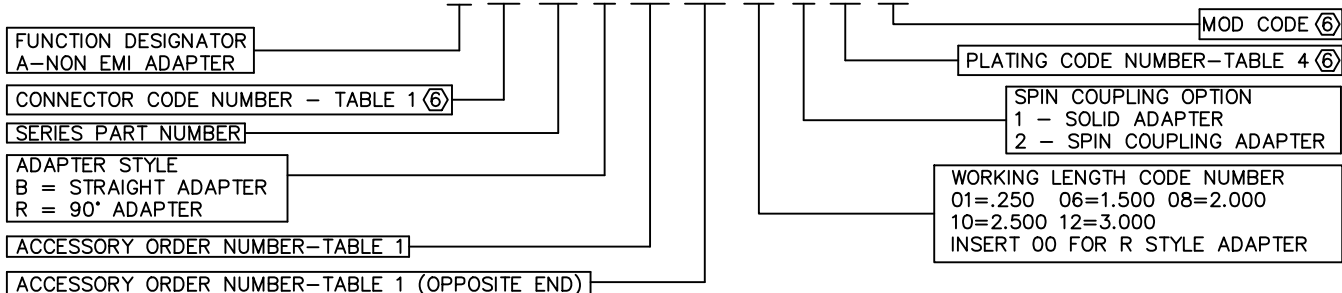


Table 1 - Order Number Data

Accessory Order Number By Connector Code & Shell Size

ORDER NUMBER	Accessories											A UNIFIED THREAD	B MAX DIA.	C MAX DIA.	ORDER NUMBER							
	MS3100 SERIES MIL-DTL-5015 SOLDER CONTACT	MIL-DTL-26482 SERIES 1	MIL-DTL-22982 CLASS C, J & R	MIL-DTL-38999 SERIES III & IV	MIL-DTL-38999 SERIES I & II	MIL-DTL-5015 CRIMP MIL-DTL-26482 SER 2 MIL-DTL-83723 SER III	MIL-C-817703 NAS 1599	LITTON VEAM CIR SERIES	MIL-C-81511 SERIES 1, 2, 3 & 4	PATT 105, PATT 803 PATT 608	18 ④					21	32 ②	40 ③	41	54	64	61
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														.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														.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														.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												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												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													1.312-18	1.688	1.469	39
40	24 (-)		22																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													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																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																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																2.312-16	2.719	2.469	60
61	40 (A,C)									40									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.

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



STANDARD FINISHES

PLATING CODE	FINISH	SPECIFICATION	ACCESSORY MATERIAL	CORROSION RESISTANCE (HRS)	ROHS COMPLIANT
0 3	CADIUM PLATE, OLIVE DRAB	SAE AMS-QQ-P-416, TYPE II, CLASS 3	ALUMINUM	96	NO
1 0	PASSIVATE	SAE AMS-QQ-P-35, (AS85049 CODE S)	STAINLESS STEEL	1000	YES
1 2	ZINC NICKEL, BLACK	ASTM B841	ALUMINUM	500	YES
1 3	ZINC COBALT, OLIVE DRAB	ASTM B840-99	ALUMINUM	96	NO
1 4	ZINC COBALT, BLACK	ASTM B840-99	ALUMINUM	96	NO
2 1	IRIDITE, 14-2, GOLD	IRIDITE, NUMBER 14-2 PER MIL-DTL-5541 CL 3	ALUMINUM	96	NO
3 4	ANODIZE, BLACK	MIL-A-8625, TYPE II, CL 3 (AS85049 CODE A)	ALUMINUM	1000	YES
3 5	ANODIZE ,GREY	MIL-A-8625, TYPE II, CLASS 2	ALUMINUM	500	YES
4 4	ANODIZE, HARD, BLACK	MIL-A-8625, TYPE II, CLASS 2	ALUMINUM	500	YES
4 5	ANODIZE, HARD, GREY	MIL-A-8625, TYPE II, CLASS 2	ALUMINUM	1000	YES
4 8	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE B	STAINLESS STEEL	48	NO
5 1	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE B	ALUMINUM	48	NO
5 5	CADIUM PLATE, OLIVE DRAB, OVER ELECTROLESS NICKEL	SAE AMS-QQ-P-416, TYPE II, CLASS 3, OVER ELECTROLESS NICKEL, PER AMS-2404F (AS85049 CODE W)	ALUMINUM	1000	NO
5 6	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE A	ALUMINUM	96	NO
5 6 R	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE A	ALUMINUM	48	YES
5 7	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE A (AS85049 CODE N)	ALUMINUM	96	NO
64	CADIUM PLATE, OLIVE DRAB, OVER ELECTROLESS NICKEL	SAE AMS-QQ-P-416, TYPE II, CLASS 3, OVER ELECTROLESS NICKEL, PER AMS-2404F (SELECTIVE PLATING REF AS85049 CODE P)	ALUMINUM	1000	NO
85	PASSIVATED	SAE AMS-QQ-P-35	316 SST	1000	YES
87	BEAD BLASTED	N/A	NI. ALUM. BRONZE	1000	YES

NOTES: UNLESS OTHERWISE SPECIFIED

- CORROSION RESISTANCE IS SPECIFIED FOR SALT SPRAY IN ACCORDANCE WITH AS85049
- CONSULT FACTORY FOR OTHER FINISHES
- FINISHES ARE APPLICABLE TO THE CONNECTOR ACCESSORIES ONLY AND EXCLUDE FASTENERS AND OTHER HARDWARE
- EMI/RFI ACCESSORIES ARE SUPPLIED WITH CONDUCTIVE FINISHES ONLY
- ANODIZE NOT SUITABLE FOR EMI SHIELDING OR GROUNDING APPLICATIONS
- ALL THE CONDUCTIVE FINISHES USED ON ALUMINUM CAN ALSO BE USED ON BRASS (CONSULT FACTORY)
- CADMIUM/NICKEL INTERFACE SHALL BE COATED WITH POLYSULFIDE SEALANT (REF FIGURE 2 BELOW)

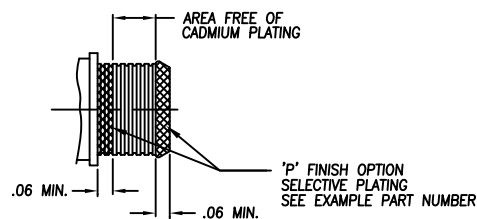


FIGURE 2



STANDARD MATERIALS

COMPONENT	MATERIAL	SPECIFICATION
MACHINED COMPONENTS	ALUMINUM STAINLESS STEEL (300 SERIES) BRASS NICKEL ALUMINUM BRONZE	ASTM B221, ASTM B211 (MFG OPTION) AMS-QQ-S-763, QQ-S-764 (MFG OPTION) QQ-B-626 ASTMB150 (AMS4640)
DIE CAST COMPONENTS	ALUMINUM	ASTM B 85
FASTENERS AND HARDWARE	STAINLESS STEEL (300 SERIES) STEEL BRASS	AMS-QQ-S-763 SAE20, QQ-S-634, QQ-S-637 QQ-B-626
ELASTOMERIC SEALS	SILICONE BUNA-N NEOPRENE	ZZ-R-765B, MIL-R-25988 AMS-3209 MIL-R-3065

NOTES: UNLESS OTHERWISE SPECIFIED

1. THE SPECIFIED MATERIALS ARE STANDARD FOR THE MAJORITY OF CONNECTOR ACCESSORIES
2. CONSULT FACTORY FOR OTHER MATERIALS
3. FOR DOCUMENTS LISTED WITHIN THIS CATALOG WITH OUT A TOLERANCE SHOWN SHALL HAVE TOLERANCES AS FALLOWED:
 - .X = $\pm .2$
 - .XX = $\pm .12$
 - .XXX = $\pm .062$
 - X° = $\pm 10^\circ$