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SECTION 2 - MAGNEFORM TERMINATION
SHRINK BOOT , EMI/RFI ,
SHIELD SOCK , LOW PROFILE
SAE AS85049 CATEGORY 1

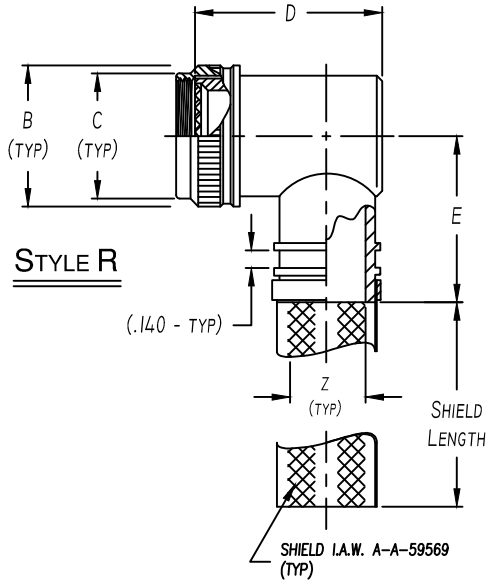
Add'l Finish Options TABLE IV Click Here

Table 2 - Cable Entry Data

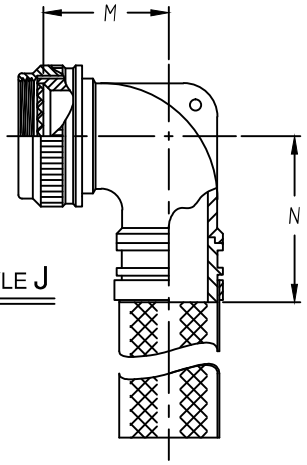
ENTRY ORDER NUMBER	Z ±.010 DIA.
03	.188
04	.250
05	.312
06	.375
07	.438
08	.500
09	.562
10	.625
11	.688
12	.750
13	.812
14	.875
15	.938
16	1.000

ENTRY ORDER NUMBER	Z ±.010 DIA.
17	1.062
18	1.125
19	1.188
20	1.250
21	1.312
22	1.375
23	1.438
24	1.500
25	1.562
26	1.625
27	1.688
28	1.750
29	1.812
30	1.875

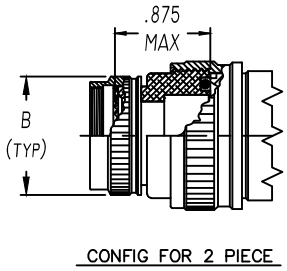
WHEN MAXIMUM CABLE ENTRY EXCEEDS THE CONNECTOR INTERFACE DIAMETER, A 2 PIECE ADAPTER WILL BE SUPPLIED. CONSULT FACTORY FOR LARGER ENTRY SIZES.



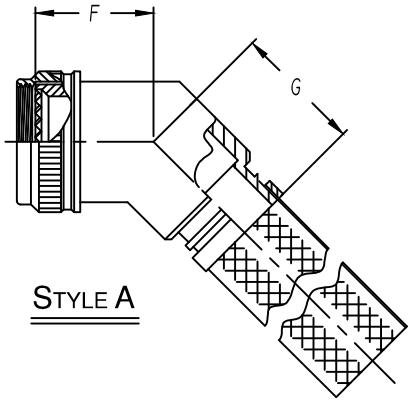
STYLE R



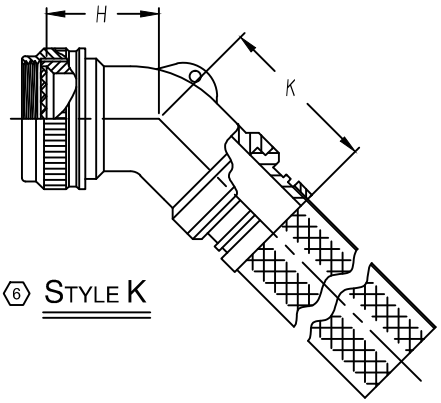
⑥ STYLE J



CONFIG FOR 2 PIECE



STYLE A



⑥ STYLE K

ASSEMBLY PART NUMBER

TO ESTABLISH YOU P/N, USE THE FOLLOWING EXAMPLE

E 41 32 R 23 08 1 06 S 51

- E — FUNCTION DESIGNATOR A–NON EMI ADAPTER
- 41 — CONNECTOR CODE NUMBER – TABLE 1 ⑥
- 32 — SERIES PART NUMBER
- R — ADAPTER STYLE
  - R = 90° ADAPTER
  - A = 45° ADAPTER
  - J = 90° ADAPTER (DIE–CAST)
  - K = 45° ADAPTER (DIE–CAST)
- 23 — ACCESSORY ORDER NUMBER–TABLE 1
- 08 — CABLE ENTRY ORDER NUMBER–TABLE 2
- 1 — SHIELD OPTION
  - 1 – SINGLE LAYER TINNED COPPER
  - 2 – DOUBLE LAYER TINNED COPPER
  - 3 – SINGLE LAYER SILVER COATED COPPER
  - 4 – DOUBLE LAYER SILVER COATED COPPER
  - 5 – ASSY. SUPPLIED WITH DRIVER BAND LESS SHIELD
  - 0 – NO SHIELDING OR DRIVE BAND REQUIRED.
- 06 — SHIELD LENGTH CODE
  SHIELD LENGTHS ARE CHOSEN IN 1.00 INCH INCREMENTS (I.E. 08 = 8.00"). MINIMUM ORDER LENGTH IS 3.00" CODE 03 (00 FOR NO SHIELD). MAXIMUM ORDER LENGTH IS 200.00" CODE 200.
- S — GLAND & O'RING MATERIAL OPTION
  - B – NEOPRENE & BUNA–N
  - S – SILICONE
  - N – NONE (NON ENVIROMENTAL)
- 51 — PLATING CODE NUMBER–TABLE 4 ⑥
- MOD CODE ⑥

Table 1 - Order Number Data

Accessory Order Number By Connector Code & Shell Size

ORDER NUMBER	18 ⟨4⟩ MS3100 SERIES MIL-DTL-5015 SOLDER CONTACT	21 MIL-DTL-26482 SERIES 1	32 ⟨2⟩ MIL-DTL-22992 CLASS C, J & R	40 ⟨3⟩ MIL-DTL-38999 SERIES III & IV	41 MIL-DTL-38999 SERIES I & II	54 MIL-DTL-5015 CRIMP MIL-DTL-26482 SER 2 MIL-DTL-83723 SER III		64 MIL-C-81703 NAS 1599 LITTON, VEAM, CIR SERIES	61 MIL-C-81511 SERIES 1, 2, 3 & 4	76 PATT 105, PATT 603 PATT 608	A UNIFIED THREAD	B MAX DIA.	C MAX DIA.	D ⟨7⟩ MAX DIM.	E MAX DIM.	F ⟨7⟩ ±.125 DIM.	G MAX DIM.	H MAX DIM.	K MAX DIM.	M MAX DIM.	N MAX DIM.	ORDER NUMBER
01	8S (B)										.375-32	.750	.531	1.031	1.188	.500	1.062					01
03	8S (A)										.438-27	.812	.594	1.094		.500						03
04	8S (C)	8			8, 9					8	.438-28	.812	.594	1.000		.750		.457	1.710	.500	1.730	04
05						8 & 8S					.500-20	.875	.656	.938		.719		.457	1.710	.500	1.730	05
06	10S (-)								8, A		.500-28	.875	.656	1.562		1.062						06
07				9, A							M12 x 1.0	.719	.656	.938	1.250	.500		.457	1.710	.500	1.730	07
08	10SL (C)	10			10, 11		3			10	.562-24	.844	.719	1.375		.750		.520	1.770	.595	1.850	08
10	10SL(A,B), 12,12S(B,C)					10,10S,10SL		12			.625-24	1.000	.781	1.562	1.312	1.062	1.094	.520	1.770	.595	1.850	10
											.625-28	1.000	.781	1.688		1.062						11
11									10, B		M15 x 1.0	.844	.781	1.125		.500		.520	1.770	.595	1.850	12
12				11, B							.688-24	1.062	.844	1.500		.750		.582	1.830	.610	1.870	13
13	12 & 12S (A)	12			12, 13					12	.750-20	1.125	.906	1.812		.875		.582	1.830	.610	1.870	15
15	14 & 14S (-)		12			12 & 12S	7	14			M18 x 1.0	.969	.906	1.188	1.375	.562	1.125	.562	1.830	.610	1.870	16
16				13, C							.812-20	1.188	.969	1.500		.812		.645	1.920	.700	1.940	18
18		14			14, 15					14	.875-20	1.250	1.031	1.875	1.438	.750	1.188	.645	1.920	.700	1.940	19
19	16 & 16S (-)		14			14 & 14S	12	16			.875-28	1.250	1.031	1.938		1.125						20
20									14, D		M22 x 1.0	1.094	1.031	1.312		.562		.645	1.920	.700	1.940	21
21				15, D							.938-20	1.312	1.094	1.625		.875		.738	2.030	.885	2.030	23
23		16			16, 17					16	1.000-20	1.375	1.156	2.000	1.500	.719		.738	2.030	.885	2.030	24
24	18 (-)		16			16 & 16S	19	18			1.000-28	1.375	1.156	2.062		1.156						25
25									16, E		M25 x 1.0	1.219	1.156	1.438		.594		.738	2.030	.885	2.030	26
26				17, E							1.062-18	1.438	1.219	1.688		.875		.926	2.220	.975	2.200	28
28		18			18, 19	18	27			18	1.125-18	1.500	1.281	2.156		.938						29
29	20 (-)		18					20			1.125-24	1.500	1.281	1.938	1.562	.625						30
30	20 (R)										1.125-28	1.500	1.281	2.125		1.188						31
31									18, F		M28 x 1.0	1.344	1.281	1.500		.625		.926	2.220	.975	2.200	32
32				19, F							1.188-18	1.562	1.344	1.812		.875		.926	2.220	.975	2.200	34
34		20			20, 21	20	37			20	1.250-18	1.625	1.406	2.250		.938						35
35	22 (-)		20					22			1.250-28	1.625	1.406	2.250	1.625	1.250	1.219					36
36									20, G		M31 x 1.0	1.469	1.406	1.625		.688		.926	2.220	.975	2.200	37
37				21, G							1.312-18	1.688	1.469	1.938		.938		1.020	2.370	1.125	2.310	39
39		22			22, 23	22				22	1.375-18	1.750	1.531	2.375		1.000						40
40	24 (-)		22					24			1.375-28	1.750	1.531	2.375		1.250						41
41									22, H		M34 x 1.0	1.594	1.531	1.750		.656	1.250	1.020	2.370	1.125	2.310	42
42				23, H							1.438-18	1.812	1.594	2.000	1.688	1.000		1.020	2.370	1.125	2.310	44
44		24			24, 25	24				24	1.500-18	1.875	1.656	1.875		.938	1.438					45
45							61				1.500-28	1.875	1.656	2.500		1.250						46
46									24, J		M37 x 1.0	1.719	1.656	1.875		.688	1.250	1.020	2.370	1.125	2.310	47
47				25, J							1.562-18	1.938	1.719	2.125		1.062						48
48											1.625-18	2.000	1.781	2.500	1.812	1.250	1.312					49
49	28 (-)		24					28			1.750-18	2.125	1.906	2.062		.938						51
51						28					1.875-16	2.250	2.031	2.750	1.938	1.125	1.344					52
52	32 (B,C)		28					32			1.906-18	2.281	2.062	2.438		.750						53
53	32 (A,R)										2.000-18	2.375	2.156	2.312		.969						54
54						32					2.062-16	2.469	2.219	3.000		.969						55
55	36 (B)		32					36			2.062-24	2.469	2.219	1.875	2.062	.812	1.406					56
56	36 (R)										2.125-16	2.500	2.281	1.875		.812						57
57	36 (C)										2.125-18	2.500	2.281	1.875		.812						58
58	36 (A)										2.250-16	2.625	2.406	2.438		1.031						59
59						36					2.312-16	2.719	2.469	3.250	2.188	1.000	1.438					60
60	40 (B)		36					40			2.375-16	2.750	2.531	2.000		.875						61
61	40 (A,C)										2.500-16	2.875	2.656	2.688	2.750	1.125	1.500					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⟩ ADD .25 TO "D" & "F" FOR CONNECTOR CODES 30, 32 & 61.

⟨8⟩ SEE SUPPORT DATA SECTION FOR TABLE V & AVAILABLE STYLES

⟨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