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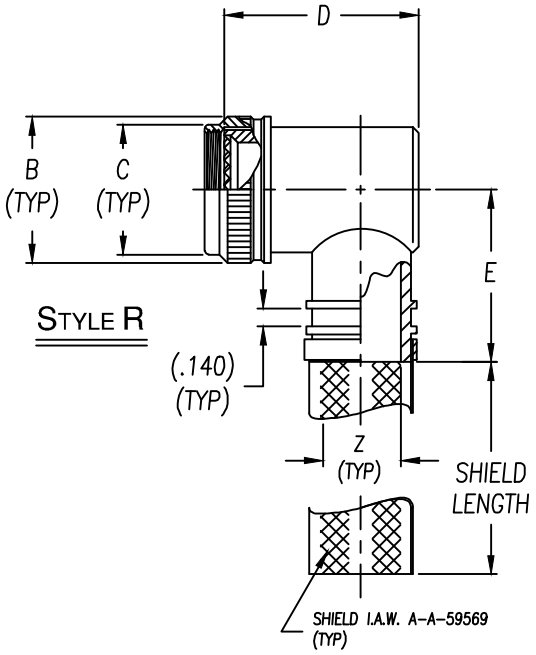
CONNECTOR ACCESSORIES, ELECTRICAL,
SHRINK BOOT, EMI/RFI,
SHIELD SOCK, LOW PROFILE
MIL-C-85049 CATEGORY 5

PROPRIETARY PART SERIES
E * * 32
SHEET 1

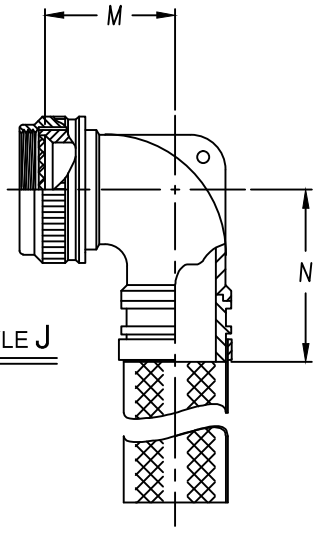
Table 2 - Cable Entry Data

ENTRY ORDER NUMBER	Z ±.031 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
18	1.125

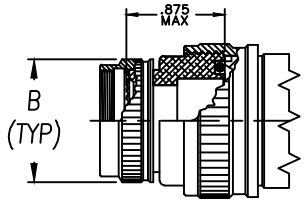
(1) WHEN MAXIMUM CABLE ENTRY EXCEEDS THE CONNECTOR INTERFACE DIAMETER, A 2 PIECE ADAPTER WILL BE SUPPLIED. CONSULT FACTORY FOR LARGER ENTRY SIZES.



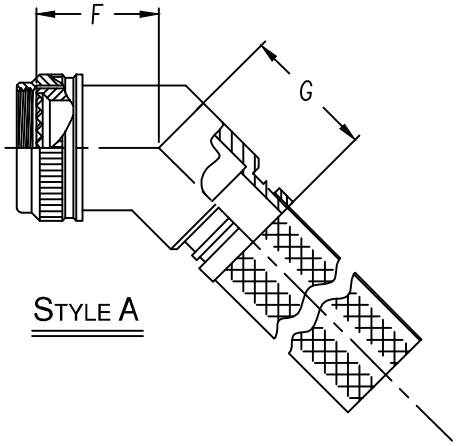
STYLE R



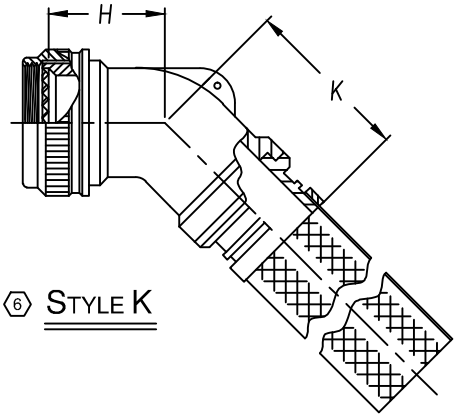
(6) STYLE J



CONFIG FOR 2 PIECE (1)



STYLE A



(6) STYLE K

ASSEMBLY PART NUMBER

TO ESTABLISH YOUR PART NUMBER,
USE THE FALLOWING EXAMPLE.

E4132R230810 6 S 5 5

- FUNCTION DESIGNATOR: E–EMI ADAPTER
- CONNECTOR CODE NUMBER – TABLE 1 (5)
- SERIES PART NUMBER
- ADAPTER STYLE: R = 90° ADAPTER; A = 45° ADAPTER; J = 90° ADAPTER (DIE–CAST); K = 45° ADAPTER (DIE–CAST)
- ACCESSORY ORDER NUMBER TABLE 1
- CABLE ENTRY ORDER NUMBER TABLE 2
- 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.
- 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).
- O'RING MATERIAL OPTION: B – NEOPRENE & BUNA–N; S – SILICONE; N – NONE REQUIRED (NON–ENVIRONEMENTAL)
- PLATING CODE NUMBER – TABLE 4 (5)
- MODE CODE (5)

Table 1 - Order Number Data

PROPRIETARY PART SERIES

E * * 32

SHEET 2

Accessory Order Number By Connector Code & Shell Size

ORDER NUMBER	21 MIL-C-26482 SERIES 1	40 ② MIL-C-38999 SERIES III & IV	41 MIL-C-38999 SERIES I & II	54 MIL-C-5015 CRIMP MIL-C-26482 SER 2 MIL-C-83723 SER III	NAS 1599 MIL-C-81703 SERIES 3	61 MIL-C-81511 SERIES 1, 2, 3 & 4 LITTON, VEAM. CIR SERIES	64	A UNIFIED THREAD	B MAX DIA.	C MAX DIA.	D MAX DIM.	E MAX DIM.	F ±.125 DIM.	G MAX DIM.	H MAX DIM.	K MAX DIM.	M MAX DIM.	N MAX DIM.	ORDER NUMBER
01								.375-32	.750	.531	1.031	1.188	.500	1.062					01
03								.438-27	.812	.594	1.094		.500						03
04	8		8, 9					.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						8, A		.500-28	.875	.656	1.562	1.250	1.062						06
07		9, A						M12 x 1.0	.719	.656	.938		.500		.457	1.710	.500	1.730	07
08	10		10, 11		3			.562-24	.844	.719	1.375		.750		.520	1.770	.595	1.850	08
10				10,10S,10SL			12	.625-24	1.000	.781	1.562	1.312	1.062	1.094	.520	1.770	.595	1.850	10
11						10, B		.625-28	1.000	.781	1.688		1.062						11
12		11, B						M15 x 1.0	.844	.781	1.125		.500		.520	1.770	.595	1.850	12
13	12		12, 13					.688-24	1.062	.844	1.500		.750		.582	1.830	.610	1.870	13
15				12 & 12S	7		14	.750-20	1.125	.906	1.812	1.375	.875	1.125	.582	1.830	.610	1.870	15
16		13, C						M18 x 1.0	.969	.906	1.188		.562		.562	1.830	.610	1.870	16
18	14		14, 15					.812-20	1.188	.969	1.500		.812		.645	1.920	.700	1.940	18
19				14 & 14S	12		16	.875-20	1.250	1.031	1.875	1.438	.750	1.188	.645	1.920	.700	1.940	19
20						14, D		.875-28	1.250	1.031	1.938		1.125						20
21		15, D						M22 x 1.0	1.094	1.031	1.312		.562		.645	1.920	.700	1.940	21
23	16		16, 17					.938-20	1.312	1.094	1.625		.875		.738	2.030	.885	2.030	23
24				16 & 16S	19		18	1.000-20	1.375	1.156	2.000	1.500	.719		.738	2.030	.885	2.030	24
25						16, E		1.000-28	1.375	1.156	2.062		1.156						25
26		17, E						M25 x 1.0	1.219	1.156	1.438		.594		.738	2.030	.885	2.030	26
28	18		18, 19	18	27			1.062-18	1.438	1.219	1.688	1.562	.875		.926	2.220	.975	2.200	28
29							20	1.125-18	1.500	1.281	2.156		.938						29
30								1.125-24	1.500	1.281	1.938		.625						30
31						18, F		1.125-28	1.500	1.281	2.125		1.188						31
32		19, F						M28 x 1.0	1.344	1.281	1.500		.625		.926	2.220	.975	2.200	32
34	20		20, 21	20	37			1.188-18	1.562	1.344	1.812	1.625	.875		.926	2.220	.975	2.200	34
35							22	1.250-18	1.625	1.406	2.250		.938	1.219					35
36						20, G		1.250-28	1.625	1.406	2.250		1.250						36
37		21, G						M31 x 1.0	1.469	1.406	1.625		.688		.926	2.220	.975	2.200	37
39	22		22, 23	22				1.312-18	1.688	1.469	1.938		.938		1.020	2.370	1.125	2.310	39
40							24	1.375-18	1.750	1.531	2.375	1.688	1.000						40
41						22, H		1.375-28	1.750	1.531	2.375		1.250						41
42		23, H						M34 x 1.0	1.594	1.531	1.750		.656	1.250	1.020	2.370	1.125	2.310	42
44	24		24, 25	24				1.438-18	1.812	1.594	2.000		1.000		1.020	2.370	1.125	2.310	44
45					61			1.500-18	1.875	1.656	1.875		.938	1.438					45
46						24, J		1.500-28	1.875	1.656	2.500		1.250						46
47		25, J						M37 x 1.0	1.719	1.656	1.875		.688	1.250	1.020	2.370	1.125	2.310	47
48								1.562-18	1.938	1.719	2.125		1.062						48
49							28	1.625-18	2.000	1.781	2.500	1.812	1.250	1.312					49
51				28				1.750-18	2.125	1.906	2.062	1.938	.938	1.344					51
52							32	1.875-16	2.250	2.031	2.750		1.125						52
53								1.906-18	2.281	2.062	2.438		.750						53
54				32				2.000-18	2.375	2.156	2.312	2.062	.969	1.406					54
55							36	2.062-16	2.469	2.219	3.000		.969						55
56								2.062-24	2.469	2.219	1.875		.812						56
57								2.125-16	2.500	2.281	1.875		.812						57
58								2.125-18	2.500	2.281	1.875		.812						58
59				36				2.250-16	2.625	2.406	2.438	2.188	1.031	1.438					59
60							40	2.312-16	2.719	2.469	3.250		1.000						60
61								2.375-16	2.750	2.531	2.000		.875						61
62				40				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 ISO METRIC, CLASS 6H.

③ CODE 18 SHELL SIZES ARE FOLLOWED IN PARENTHESIS BY CONNECTOR MFR CODE. SEE CONNECTOR CODE 18 CHART AT RIGHT & EXAMPLE PART NUMBER FOR DETAILS.

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

⑤ SEE SUPPORT DATA SECTION FOR PLATING AND MODIFICATION CODE OPTIONS.

⑥ STYLE "J" & "k" AVAILABLE IN CONNECTOR CODE 40, 41, & 54. MAX AVAILABLE ORDER NUIMBER IS 47.

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