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SECTION 1 - MECHANICAL
STRAIN RELIEF , EMI / RFI
DUAL BEVEL RINGS , SPLIT SHELL
SAE AS85049 CATEGORY 3B

E * * 03

SHEET 1 OF 2

Add'l ENG Support Information

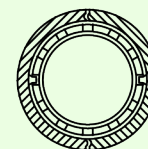
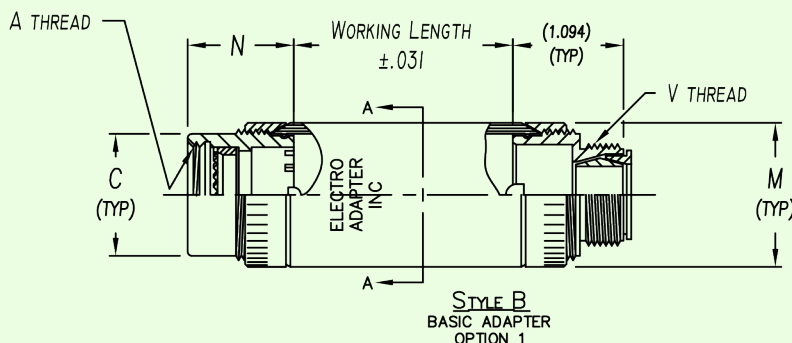
Table 2 - Cable Entry Data

ENTRY ORDER NUMBER	NON ENVIRONMENTAL CABLE RANGE		V UNIFIED THREAD
	MAX	MIN	
03	.250	.156	.500-28
04	.312	.188	.625-24
06	.438	.281	.750-20
08	.562	.344	.875-20
10	.625	.375	1.000-20
12	.750	.438	1.188-18
16	.938	.562	1.438-18
20	1.250	.750	1.750-18
24	1.375	.781	2.000-18
28	1.625	.969	2.250-16
32	1.875	1.125	2.500-16

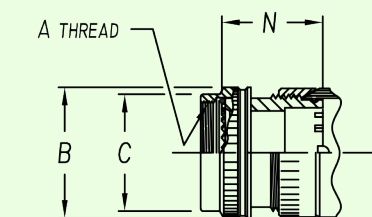
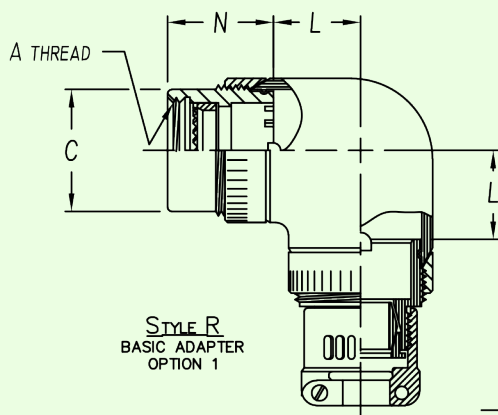
Table 3 - Length Code Data

CONN CODE NUMBER	N MAX	M ±.031 DIA. BY ACCESSORY ORDER NUMBER			
		1.250	1.469	1.688	1.875
40	1.062	07 - 21	26, 32	37, 47	-
41	1.000	04 - 23	28, 34	39, 44	-
54	.719	05 - 19	24 - 34	39, 44	51
		.750	.875	1.000	1.125
		L ±.062 DIA. BY ACCESSORY ORDER NUMBER			

OTHER CONNECTOR CODES AVAILABLE
CONTACT ENGINEERING FOR DETAILS



SECTION A



SPIN COUPLING

OPTION 2

ONLY AVAILABLE FOR CONNECTOR
CODES 40, 41, & 54

ASSEMBLY PART NUMBER

TO ESTABLISH YOU P/N, USE THE FOLLOWING EXAMPLE

E 41 03 S 23 08 9 08 1 51

FUNCTION DESIGNATOR
E-EMI ADAPTER

CONNECTOR CODE NUMBER - TABLE 1 (6)

SERIES PART NUMBER

ADAPTER STYLE
B = STRAIGHT ADAPTER
R = 90° ADAPTER

ACCESSORY ORDER NUMBER-TABLE 1

CABLE ENTRY ORDER NUMBER-TABLE 2

MOD CODE (6)

PLATING CODE NUMBER-TABLE 4 (6)

SPIN COUPLING OPTION
1 - SOLID ADAPTER
2 - SPIN COUPLING ADAPTER

WORKING LENGTH CODE NUMBER
01=.250 06=1.500 08=2.000
10=2.500 12=3.000
INSERT 00 FOR R STYLE ADAPTER

CABLE STRAIN RELIEF - SEE TABLE V (8)

REV C

Table 1 - Order Number Data

E * * 03

SHEET 2 OF 2

Accessory Order Number By Connector Code & Shell Size

ORDER NUMBER	MIL-DTL-38999 SERIES III & IV	MIL-DTL-38999 SERIES I & II	MIL-DTL-5015 CRIMP MIL-DTL-28482 SER 2 MIL-DTL-83723 SER III	MIL-C-81703 NAS 1589	A UNIFIED THREAD	B MAX DIA.	C MAX DIA.	ORDER NUMBER
	40 ③	41	54					
01					.375-32	.750	.531	01
03					.438-27	.812	.594	03
04		8, 9			.438-28	.812	.594	04
05			8 & 8S		.500-20	.875	.656	05
06					.500-28	.875	.656	06
07	9, A				M12 x 1.0	.719	.656	07
08		10, 11		3	.562-24	.844	.719	08
10			10,10S,10SL		.625-24	1.000	.781	10
11					.625-28	1.000	.781	11
12	11, B				M15 x 1.0	.844	.781	12
13		12, 13			.688-24	1.062	.844	13
15			12 & 12S	7	.750-20	1.125	.906	15
16	13, C				M18 x 1.0	.969	.906	16
18		14, 15			.812-20	1.188	.969	18
19			14 & 14S	12	.875-20	1.250	1.031	19
20					.875-28	1.250	1.031	20
21	15, D				M22 x 1.0	1.094	1.031	21
23		16, 17			.938-20	1.312	1.094	23
24			16 & 16S	19	1.000-20	1.375	1.156	24
25					1.000-28	1.375	1.156	25
26	17, E				M25 x 1.0	1.219	1.156	26
28		18, 19	18	27	1.062-18	1.438	1.219	28
29					1.125-18	1.500	1.281	29
30					1.125-24	1.500	1.281	30
31					1.125-28	1.500	1.281	31
32	19, F				M28 x 1.0	1.344	1.281	32
34		20, 21	20	37	1.188-18	1.562	1.344	34
35					1.250-18	1.625	1.406	35
36					1.250-28	1.625	1.406	36
37	21, G				M31 x 1.0	1.469	1.406	37
39		22, 23	22		1.312-18	1.688	1.469	39
40					1.375-18	1.750	1.531	40
41					1.375-28	1.750	1.531	41
42	23, H				M34 x 1.0	1.594	1.531	42
44		24, 25	24		1.438-18	1.812	1.594	44
45				61	1.500-18	1.875	1.656	45
46					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					1.625-18	2.000	1.781	49
51			28		1.750-18	2.125	1.906	51
52					1.875-16	2.250	2.031	52
53					1.906-18	2.281	2.062	53
54			32		2.000-18	2.375	2.156	54
55					2.062-16	2.469	2.219	55
56					2.062-24	2.469	2.219	56
57					2.125-16	2.500	2.281	57
58					2.125-18	2.500	2.281	58
59			36		2.250-16	2.625	2.406	59
60					2.312-16	2.719	2.469	60
61					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.

③ THREADS NOTED ARE ISO METRIC, CLASS 6H.

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.

⑧ SEE SUPPORT DATA SECTION FOR TABLE V & AVAILABLE STYLES

REV C