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**SECTION 1 - MECHANICAL
STRAIN RELIEF, EMI / RFI , DUAL BEVEL
RINGS , ENVIRONMENTAL , LOW PROFILE
SAE AS85049 CATEGORY 2B**

E * * 30

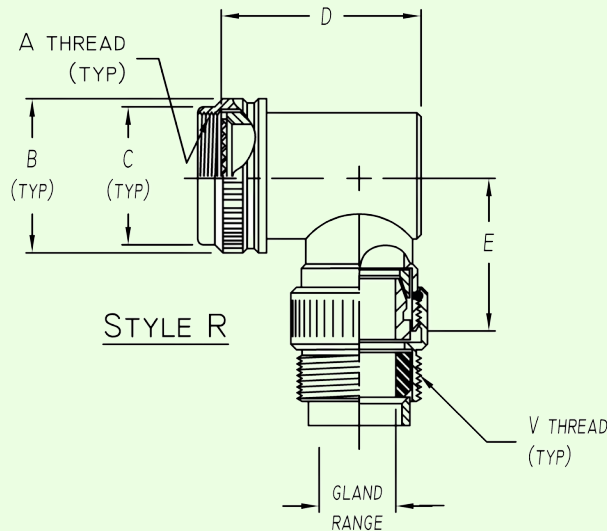
SHEET 1 OF 2

Add'l ENG Support Information

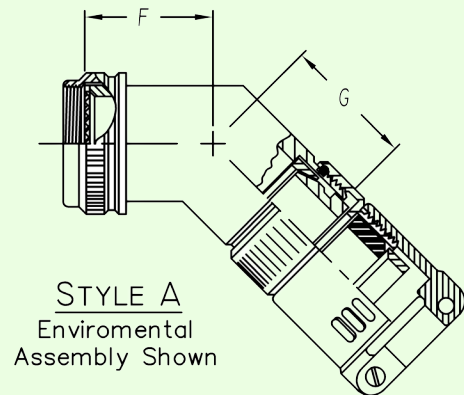
Table 2 - Cable Entry Data

ENTRY ORDER NUMBER	ENVIRONMENTAL GLAND RANGE		NON ENVIRONMENTAL CABLE RANGE		V UNIFIED THREAD
	MAX	MIN	MAX	MIN	
03	.250	.156	.250	.156	.500-28
04	.312	.188	.312	.188	.625-24
06	.438	.281	.438	.281	.750-20
08	.562	.375	.562	.344	.875-20
10	.625	.500	.625	.375	1.000-20
12	.750	.500	.750	.438	1.188-18
16	.938	.625	.938	.562	1.438-18
20	1.250	.938	1.250	.750	1.750-18
24	1.375	1.000	1.375	.781	2.000-18
28	1.625	1.250	1.625	.969	2.250-16
32	1.875	1.500	1.875	1.125	2.500-16

WHEN MAXIMUM CABLE ENTRY EXCEEDS THE
CONNECTOR INTERFACE DIAMETER, A 2 PIECE
ADAPTER WILL BE SUPPLIED.



STYLE R



STYLE A
Enviromental
Assembly Shown

**OTHER CONNECTOR CODES AVAILABLE
CONTACT ENGINEERING FOR DETAILS**

ASSEMBLY PART NUMBER

TO ESTABLISH YOU P/N, USE THE FOLLOWING EXAMPLE

E 41 30 S 23 08 9 B 51

FUNCTION DESIGNATOR
E-EMI ADAPTER

CONNECTOR CODE NUMBER - TABLE 1 ⑥

SERIES PART NUMBER

ADAPTER STYLE
S = STRAIGHT SPIN COUPLING ADAPTER
B = STRAIGHT BASIC ADAPTER
R = 90° ADAPTER
A = 45° ADAPTER

ACCESSORY ORDER NUMBER-TABLE 1

MOD CODE ⑥

PLATING CODE NUMBER-TABLE 4 ⑥

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

CABLE STRAIN RELIEF - SEE TABLE V ⑧

CABLE ENTRY ORDER NUMBER-TABLE 2

Table 1 - Order Number Data

E * * 30

SHEET 2 OF 2

Accessory Order Number By Connector Code & Shell Size

	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-81703 NAS 1599								
ORDER NUMBER	40 3	41	54		A UNIFIED THREAD	B MAX DIA.	C MAX DIA.	D REF DIM.	E REF DIM.	F REF DIM.	G REF 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, 9			.438-28	.812	.594	1.000		.750		04
05			8 & 8S		.500-20	.875	.656	.938		.719		05
06					.500-28	.875	.656	1.562	1.250	1.062	1.094	06
07	9, A				M12 x 1.0	.719	.656	.938		.500		07
08		10, 11		3	.562-24	.844	.719	1.375		.750		08
10			10,10S,10SL		.625-24	1.000	.781	1.562		1.062		10
11					.625-28	1.000	.781	1.688	1.312	1.062	1.125	11
12	11, B				M15 x 1.0	.844	.781	1.125		.500		12
13		12, 13			.688-24	1.062	.844	1.500		.750		13
15			12 & 12S	7	.750-20	1.125	.906	1.812		.875		15
16	13, C				M18 x 1.0	.969	.906	1.188	1.375	.562	1.125	16
18		14, 15			.812-20	1.188	.969	1.500		.812		18
19			14 & 14S	12	.875-20	1.250	1.031	1.875		.750		19
20					.875-28	1.250	1.031	1.938		1.125		20
21	15, D				M22 x 1.0	1.094	1.031	1.312	1.438	.562	1.188	21
23		16, 17			.938-20	1.312	1.094	1.625		.875		23
24			16 & 16S	19	1.000-20	1.375	1.156	2.000		.719		24
25					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	1.500	.594	1.219	26
28		18, 19	18	27	1.062-18	1.438	1.219	1.688		.875		28
29					1.125-18	1.500	1.281	2.156		.938		29
30					1.125-24	1.500	1.281	1.938		.625		30
31					1.125-28	1.500	1.281	2.125	1.562	1.188	1.438	31
32	19, F				M28 x 1.0	1.344	1.281	1.500		.625		32
34		20, 21	20	37	1.188-18	1.562	1.344	1.812		.875		34
35					1.250-18	1.625	1.406	2.250		.938		35
36					1.250-28	1.625	1.406	2.250	1.625	1.250	1.250	36
37	21, G				M31 x 1.0	1.469	1.406	1.625		.688		37
39		22, 23	22		1.312-18	1.688	1.469	1.938		.938		39
40					1.375-18	1.750	1.531	2.375		1.000		40
41					1.375-28	1.750	1.531	2.375	1.688	1.250	1.344	41
42	23, H				M34 x 1.0	1.594	1.531	1.750		.656		42
44		24, 25	24		1.438-18	1.812	1.594	2.000		1.000		44
45				61	1.500-18	1.875	1.656	1.875		.938		45
46					1.500-28	1.875	1.656	2.500	2.062	1.250	1.406	46
47	25, J				M37 x 1.0	1.719	1.656	1.875		.688		47
48					1.562-18	1.938	1.719	2.125		1.062		48
49					1.625-18	2.000	1.781	2.500		1.812		49
51			28		1.750-18	2.125	1.906	2.062	1.938	.938	1.438	51
52					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		.969		54
55					2.062-16	2.469	2.219	3.000	2.062	.969	1.406	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					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

NOTES: UNLESS OTHERWISE SPECIFIED.

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

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.

(3) THREADS NOTED ARE ISO METRIC, CLASS 6H.

(8) SEE SUPPORT DATA SECTION FOR TABLE V & AVAILABLE STYLES

REV C