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

E * * 32

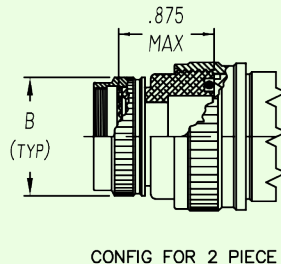
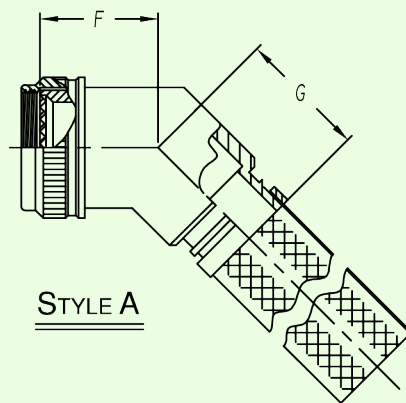
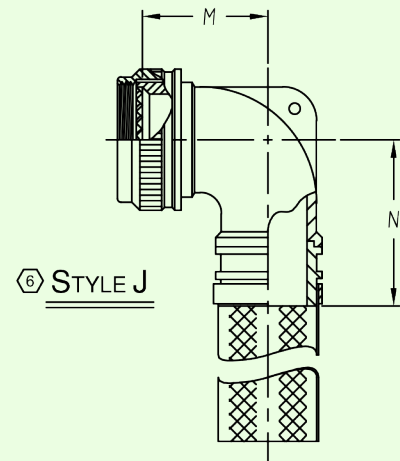
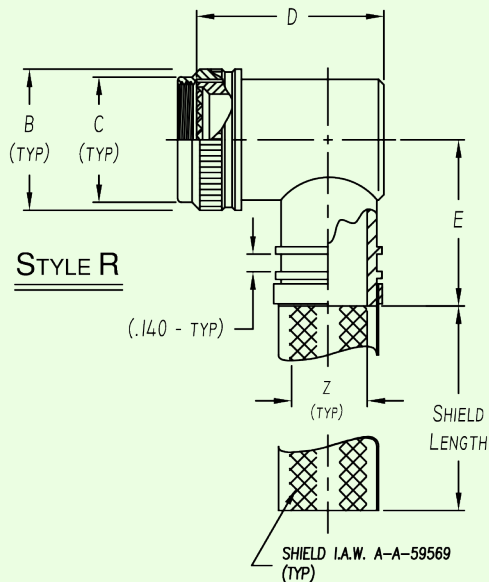
SHEET 1 OF 2

Add'l finish options **TABLE IV** [click here](#)

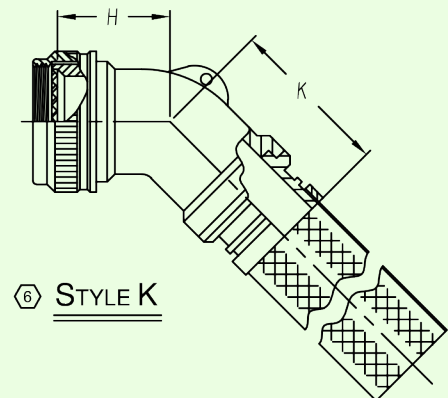
Table 2 - Cable Entry Data

ENTRY ORDER NUMBER	Z ±.010 DIA.	ENTRY ORDER NUMBER	Z ±.010 DIA.
03	.188	17	1.062
04	.250	18	1.125
05	.312	19	1.188
06	.375	20	1.250
07	.438	21	1.312
08	.500	22	1.375
09	.562	23	1.438
10	.625	24	1.500
11	.688	25	1.562
12	.750	26	1.625
13	.812	27	1.688
14	.875	28	1.750
15	.938	29	1.812
16	1.000	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.



CONFIG FOR 2 PIECE



ASSEMBLY PART NUMBER

TO ESTABLISH YOUR P/N, USE THE FOLLOWING EXAMPLE

E 41 32 R 23 08 1 06 S 51

FUNCTION DESIGNATOR
A-NON EMI ADAPTER

CONNECTOR CODE NUMBER - TABLE 1 ⑥

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

MOD CODE ⑥

PLATING CODE NUMBER-TABLE 4 ⑥

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

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.

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.

Table 1 - Order Number Data

E * * 32

SHEET 2 OF 2

Accessory Order Number By Connector Code & Shell Size

ORDER NUMBER	18 (4)	21	32 (2)	40 (3)	41	54	64	61	76	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		.500						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	1.188	.750		.457	1.710	.500	1.730	04
05					8 & 8S					.500-20	.875	.656	.938		.719	1.062	.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		1.062		.520	1.770	.595	1.850	10
11										.625-28	1.000	.781	1.688	1.312	1.062	1.094					11
12				11, B				10, B		M15 x 1.0	.844	.781	1.125		.500		.520	1.770	.595	1.850	12
13	12 & 12S (A)	12		12, 13					12	.688-24	1.062	.844	1.500		.750		.582	1.830	.610	1.870	13
15	14 & 14S (-)		12			12 & 12S	7	14		.750-20	1.125	.906	1.812		.875		.582	1.830	.610	1.870	15
16				13, C						M18 x 1.0	.969	.906	1.188	1.375	.562	1.125	.562	1.830	.610	1.870	16
18		14		14, 15					14	.812-20	1.188	.969	1.500		.812		.645	1.920	.700	1.940	18
19	16 & 16S (-)		14			14 & 14S	12	16		.875-20	1.250	1.031	1.875		.750		.645	1.920	.700	1.940	19
20										.875-28	1.250	1.031	1.938	1.438	1.125						20
21				15, D				14, D		M22 x 1.0	1.094	1.031	1.312		.562		.645	1.920	.700	1.940	21
23		16		16, 17					16	.938-20	1.312	1.094	1.625		.875		.738	2.030	.885	2.030	23
24	18 (-)		16			16 & 16S	19	18		1.000-20	1.375	1.156	2.000	1.500	.719		.738	2.030	.885	2.030	24
25										1.000-28	1.375	1.156	2.062		1.156						25
26				17, E				16, E		M25 x 1.0	1.219	1.156	1.438		.594	1.188	.738	2.030	.885	2.030	26
28		18		18, 19	18	27		18		1.062-18	1.438	1.219	1.688		.875		.926	2.220	.975	2.200	28
29	20 (-)		18							1.125-18	1.500	1.281	2.156		.938						29
30	20 (R)							20		1.125-24	1.500	1.281	1.938	1.562	.625						30
31										1.125-28	1.500	1.281	2.125		1.188						31
32				19, F				18, F		M28 x 1.0	1.344	1.281	1.500		.625		.926	2.220	.975	2.200	32
34										1.188-18	1.562	1.344	1.812		.875		.926	2.220	.975	2.200	34
35	22 (-)	20		20, 21	20	37		20		1.250-18	1.625	1.406	2.250		.938						35
36			20				22		22	1.250-28	1.625	1.406	2.250	1.625	1.250	1.219	.926	2.220	.975	2.200	36
37				21, G				20, G		M31 x 1.0	1.469	1.406	1.625		.688		.926	2.220	.975	2.200	37
39		22		22, 23	22			22		1.312-18	1.688	1.469	1.938		.938		1.020	2.370	1.125	2.310	39
40	24 (-)		22				24		24	1.375-18	1.750	1.531	2.375		1.000						40
41										1.375-28	1.750	1.531	2.375		1.250						41
42				23, H				22, 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			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 (-)	24					28			1.625-18	2.000	1.781	2.500	1.812	1.250	1.312					49
51										1.750-18	2.125	1.906	2.062		.938						51
52	32 (B,C)		28			28		32		1.875-16	2.250	2.031	2.750	1.938	1.125	1.344					52
53	32 (A,R)									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	36 (B)		32					36		2.062-16	2.469	2.219	3.000		.969						55
56	36 (R)									2.062-24	2.469	2.219	1.875	2.062	.812	1.406					56
57	36 (C)									2.125-16	2.500	2.281	1.875		.812						57
58	36 (A)									2.125-18	2.500	2.281	1.875		.812						58
59						36				2.250-16	2.625	2.406	2.438		1.031						59
60	40 (B)		36							2.312-16	2.719	2.469	3.250	2.188	1.000	1.438					60
61	40 (A,C)							40		2.375-16	2.750	2.531	2.000		.875						61
62										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	CONNECTOR MANUFACTURER
CODE	(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