



ELECTRO ADAPTER, INC.

CHATSWORTH, CALIFORNIA, USA 91311

PHONE: (818) 998-1198

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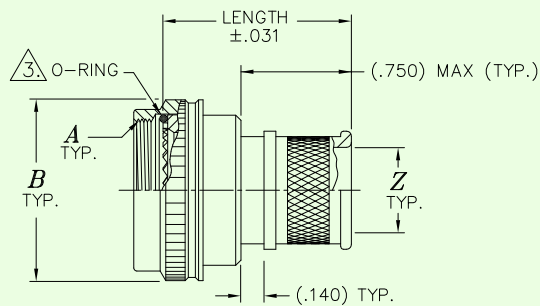
WEB SITE: www.electro-adapter.com

EMI BANDING ADAPTER
I.A.W. AS85049 CAT 3B

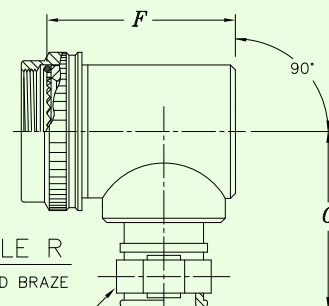
ENTRY SPECIFICATION SHEET *

271

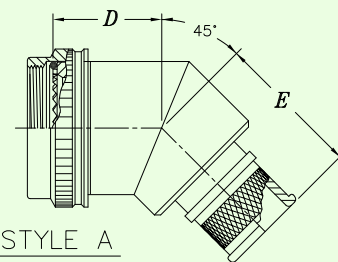
Add'l finish options TABLE 4 click here



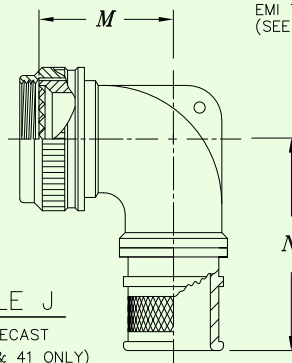
STYLE S



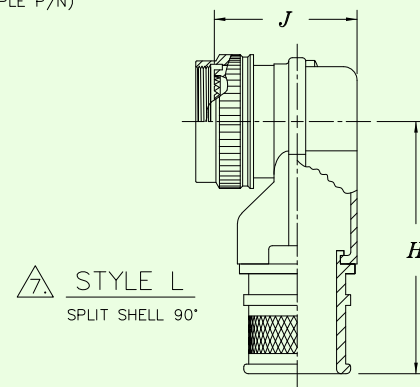
STYLE R
90° STD BRAZE



STYLE A
45° MITER BRAZE



STYLE J
90° DIECAST
(CODE 40 & 41 ONLY)



STYLE L
SPLIT SHELL 90°

Example Part Number

27141S161010455S

BASIC
ADAPTER
NUMBER

STYLE

S = STRAIGHT
A = 45°
R = 90°
J = 90° DIECAST
L = SPLIT 90°

ORDER NO.
PER TABLE II

TABLE III
CABLE/HARNESS
ENTRY DATA

ENTRY ORDER NO.	Z +.010 -.020 DIA.
0 4	.250
0 6	.375
0 8	.500
1 0	.625
1 2	.750
1 4	.875
1 6	1.000
1 8	1.125
2 0	1.250
2 2	1.375
2 4	1.500

TABLE I - CONNECTOR CODE

MILITARY SPECIFICATION	SERIES	CODE NO.
MIL-DTL-38999	III & IV	40
MIL-DTL-38999	I & II	41
MIL-DTL-26482	2	54
MIL-DTL-50151	3400	54
MIL-DTL-81703	3	54
MIL-DTL-83723	I	54
MIL-DTL-83723	III	54
NAS1599	-	54

ADD 'S' FOR SELF-LOCKING COUPLING

PLATING CODE NUMBER

12 = ZINC NICKEL, BLACK PER ASTM-B-841
55 = CADMIUM, OLIVE DRAB, PER SAE AMS-QQ-P-416,
TYPE II, CLASS 3, OVER ELECTROLESS NICKEL PER
AMS-C-26074, CLASS 3 OR 4, GRADE B
51 = ELECTROLESS NICKEL PER SAE-AMS-2404F,
WITH IRIDITE CONVERSION

FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

LENGTH CODE NUMBER

SELECT LENGTH IN 1/4" INCREMENTS (ie: 08=2.00", 09=2.25", etc.)
00 FOR 45° & 90° ADAPTERS (STYLES A & R)

MIN. AVAIL. LENGTH CONNECTOR CODES (TABLE I)

1.000 40, 41, 54,

TERMINATION NUMBER

1 = ADAPTER ONLY
8 = ADAPTER w/ 1/8" EMP BAND (005)
9 = ADAPTER w/ 1/4" EMP BAND (006)

* THIS DOCUMENT INCOMPLETE WITHOUT
"INTERFACE SPECIFICATION SHEET"

SHEET 1 OF 2

REV AB



TABLE II — CONNECTOR CODE 40
MIL-C-38999, SERIES III & IV

ORDER NO.	SHELL SIZE		<i>A</i>	<i>B</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>J</i>	<i>M</i>	<i>N</i>	MAX. ENTRY
	COM'L.	MIL.	METRIC THD. CLASS 6H	MAX. DIA.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	
0 8	9	A	M12 x 1.0	.703	.52	.997	.84	1.38	1.58	.715	.500	1.793	0 4
1 0	11	B	M15 x 1.0	.827	.54	1.023	.97	1.44	1.84	.719	.595	1.913	0 6
1 2	13	C	M18 x 1.0	.953	.57	1.048	1.09	1.50	2.03	.843	.610	1.933	0 8
1 4	15	D	M22 x 1.0	1.077	.59	1.074	1.22	1.56	2.13	.875	.700	2.003	1 0
1 6	17	E	M25 x 1.0	1.203	.62	1.100	1.34	1.63	2.23	1.188	.885	2.093	1 2
1 8	19	F	M28 x 1.0	1.327	.63	1.113	1.41	1.69	2.23	1.188	.975	2.263	1 4
2 0	21	G	M31 x 1.0	1.453	.66	1.152	1.53	1.75	2.23	1.250	.975	2.263	1 6
2 2	23	H	M34 x 1.0	1.577	.68	1.178	1.66	1.81	2.23	1.250	1.125	2.373	1 8
2 4	25	J	M37 x 1.0	1.703	.71	1.204	1.78	1.88	2.23	1.250	1.125	2.373	2 0

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS — ALUM. ALLOY OR SST
O'RING — SILICONE

 4. WHEN ENTRY SIZE EXCEEDS CONNECTOR INSERT DIAMETER
A STEP-UP CONFIGURATION WILL BE SUPPLIED. SEE SHEET 3

 7. STYLE L WILL BE SUPPLIED AS A 2-PIECE PART
O'RING NOT SUPPLIED WITH STYLE L

 8. STYLE "J" AVAILABLE IN CONNECTOR CODES 40 & 41 ONLY



**TABLE II — CONNECTOR CODE 41
MIL-C-38999, SERIES I & II**

ORDER NO.	SHELL SIZE		<i>A</i> UNIFIED THD. CLASS 2B	<i>B</i> MAX. DIA.	<i>D</i> MAX.	<i>E</i> MAX.	<i>F</i> MAX.	<i>G</i> MAX.	<i>H</i> MAX.	<i>J</i> MAX.	<i>M</i> MAX.	<i>N</i> MAX.	MAX. ENTRY 
	SER. II	SER. I											
0 8	8	9	.438-28	.703	.52	1.15	.84	1.38	1.58	.715	.500	1.793	0 4
1 0	10	11	.562-24	.827	.54	1.17	.97	1.44	1.84	.719	.595	1.913	0 6
1 2	12	13	.688-24	.953	.57	1.20	1.09	1.50	2.03	.843	.610	1.933	0 8
1 4	14	15	.812-20	1.077	.59	1.23	1.22	1.56	2.13	.875	.700	2.003	1 0
1 6	16	17	.938-20	1.203	.62	1.25	1.34	1.63	2.23	1.188	.885	2.093	1 2
1 8	18	19	1.062-18	1.327	.63	1.26	1.41	1.69	2.23	1.188	.975	2.263	1 4
2 0	20	21	1.188-18	1.453	.66	1.29	1.53	1.75	2.23	1.250	.975	2.263	1 6
2 2	22	23	1.312-18	1.577	.68	1.32	1.66	1.81	2.23	1.250	1.125	2.373	1 8
2 4	24	25	1.438-18	1.703	.71	1.34	1.78	1.88	2.23	1.250	1.125	2.373	2 0

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS — ALUM. ALLOY OR SST
O'RING — SILICONE (NOT SUPPLIED IN STYLE L)

 4. WHEN ENTRY SIZE EXCEEDS CONNECTOR INSERT DIAMETER
A STEP-UP CONFIGURATION WILL BE SUPPLIED.

 7. STYLE L WILL BE SUPPLIED AS A 2-PIECE PART
O'RING NOT SUPPLIED WITH STYLE L

 8. STYLE "J" AVAILABLE IN CONNECTOR CODES 40 & 41 ONLY



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EMI ADAPTER

INTERFACE SPECIFICATION SHEET *

SPECIFICATION CONTROL DRAWING

27154

TABLE II — CONNECTOR CODE 54

MIL-C-26482, SERIES 2
MIL-C-5015G, 3400 SERIES
MIL-C-81703, SERIES 3
MIL-C-83723, SERIES I & III
NAS1599

ORDER NO.	SHELL SIZE		<i>A</i> UNIFIED THD. CLASS 2B	<i>B</i> MAX. DIA.	<i>D</i> MAX.	<i>E</i> MAX.	<i>F</i> MAX.	<i>G</i> MAX.	<i>J</i> MAX.	<i>H</i> MAX.	MAX. ENTRY 
											
0 3	3	—	.562-24	.71	.55	1.15	.84	1.38	N/A	N/A	0 4
0 8	—	8,8S	.500-20	.71	.55	1.15	.84	1.38	.704	1.719	0 4
1 0	—	10,10S,10SL	.625-24	.78	.57	1.17	.97	1.44	.755	2.000	0 6
1 2	7	12,12S	.750-20	.90	.60	1.20	1.09	1.50	.755	2.000	0 8
1 4	12	14,14S	.875-20	1.03	.61	1.21	1.22	1.56	.893	2.188	0 9
1 6	19	16,16S	1.000-20	1.15	.64	1.24	1.34	1.63	.981	2.312	1 2
1 8	27	18	1.062-18	1.23	.65	1.25	1.34	1.63	1.223	2.375	1 2
2 0	37	20	1.188-18	1.36	.68	1.28	1.47	1.69	1.223	2.375	1 4
2 2	—	22	1.312-18	1.48	.70	1.30	1.59	1.75	1.181	2.375	1 6
2 4	—	24	1.438-18	1.61	.73	1.33	1.72	1.81	1.181	2.375	1 8
2 8	—	28	1.750-18	1.99	.78	1.38	1.97	1.88	N/A	N/A	2 4
3 2	—	32	2.000-18	2.24	.83	1.43	2.22	2.00	N/A	N/A	2 4
3 6	—	36	2.250-16	2.49	.86	1.46	2.34	2.13	N/A	N/A	2 4
4 0	—	40	2.500-16	2.74	.91	1.51	2.59	2.25	N/A	N/A	2 4
4 4	—	44	2.750-16	2.99	.96	1.56	2.84	2.38	N/A	N/A	2 4
4 8	—	48	3.000-16	3.24	1.01	1.61	3.09	2.50	N/A	N/A	2 4
6 1	61	—	1.500-18	1.67	.74	1.34	1.78	1.88	N/A	N/A	1 9

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS — ALUM. ALLOY OR SST

 3. O'RING NOT REQUIRED PER AS85049.

 4. WHEN ENTRY SIZE EXCEEDS CONNECTOR INSERT DIAMETER
A STEP-UP CONFIGURATION WILL BE SUPPLIED. SEE SHEET 3

 5. SIZES PER MIL-C-5015 (3400 SERIES),
MIL-C-26482 (SERIES 2), MIL-C-83723

 6. (SERIES I & III), & NAS1599.
SIZES PER MIL-C-81703, SERIES 3.

 7. STYLE L WILL BE SUPPLIED AS A 2-PIECE PART
O'RING NOT SUPPLIED WITH STYLE L