

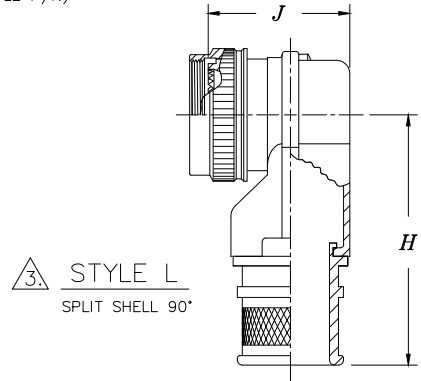
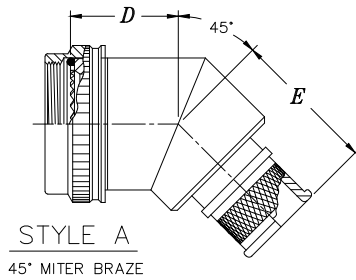
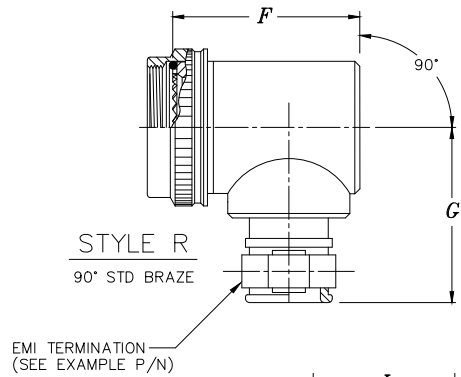
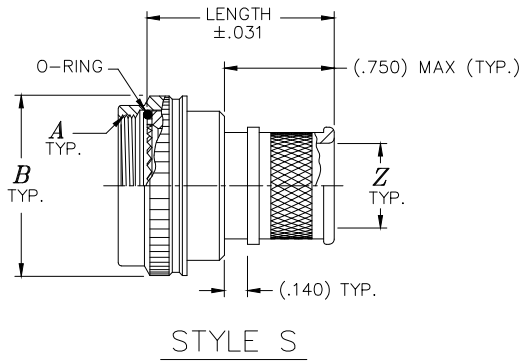


ELECTRO ADAPTER, INC.

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EMI BANDING ADAPTER
I.A.W. AS85049 CAT 3B
 ENTRY SPECIFICATION SHEET *

271



Example Part Number

27141S161010455S

ADD 'S' FOR SELF-LOCKING COUPLING

BASIC ADAPTER NUMBER: 27141

STYLE: S = STRAIGHT, A = 45°, R = 90°, L = SPLIT 90°

ORDER NO. PER TABLE II: 16101

PLATING CODE NUMBER: 0455

LENGTH CODE NUMBER: 00 (FOR 45° & 90° ADAPTERS (STYLES A & R))

TERMINATION NUMBER: S

FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

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

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

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

MIN. AVAIL. LENGTH: 1.000
 CONNECTOR CODES (TABLE I): 40, 41, 54

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



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

ORDER NO.	SHELL SIZE		<i>A</i> METRIC THD. CLASS 6H	<i>B</i> MAX. DIA.	<i>D</i> MAX.	<i>E</i> MAX.	<i>F</i> MAX.	<i>G</i> MAX.	△ 4.
	COM'L.	MIL.							
0 8	9	A	M12 x 1.0	.703	.52	.997	.84	1.38	0 4
1 0	11	B	M15 x 1.0	.827	.54	1.023	.97	1.44	0 6
1 2	13	C	M18 x 1.0	.953	.57	1.048	1.09	1.50	0 8
1 4	15	D	M22 x 1.0	1.077	.59	1.074	1.22	1.56	1 0
1 6	17	E	M25 x 1.0	1.203	.62	1.100	1.34	1.63	1 2
1 8	19	F	M28 x 1.0	1.327	.63	1.113	1.41	1.69	1 4
2 0	21	G	M31 x 1.0	1.453	.66	1.152	1.53	1.75	1 6
2 2	23	H	M34 x 1.0	1.577	.68	1.178	1.66	1.81	1 8
2 4	25	J	M37 x 1.0	1.703	.71	1.204	1.78	1.88	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

* THIS DOCUMENT INCOMPLETE WITHOUT "ENTRY SPECIFICATION SHEET & SHEET 3".



**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.	△ 4.
	SER. II	SER. I									
0 8	8	9	.438-28	.703	.52	1.15	.84	1.38	1.58	.715	0 4
1 0	10	11	.562-24	.827	.54	1.17	.97	1.44	1.84	.719	0 6
1 2	12	13	.688-24	.953	.57	1.20	1.09	1.50	2.03	.843	0 8
1 4	14	15	.812-20	1.077	.59	1.23	1.22	1.56	2.13	.875	1 0
1 6	16	17	.938-20	1.203	.62	1.25	1.34	1.63	2.23	1.188	1 2
1 8	18	19	1.062-18	1.327	.63	1.26	1.41	1.69	2.23	1.188	1 4
2 0	20	21	1.188-18	1.453	.66	1.29	1.53	1.75	2.23	1.250	1 6
2 2	22	23	1.312-18	1.577	.68	1.32	1.66	1.81	2.23	1.250	1 8
2 4	24	25	1.438-18	1.703	.71	1.34	1.78	1.88	2.23	1.250	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)

△
3. STYLE L WILL BE SUPPLIED AS A 2-PIECE PART
 O’RING NOT SUPPLIED WITH STYLE L

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



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		A UNIFIED THD. CLASS 2B	B MAX. DIA.	D MAX.	E MAX.	F MAX.	G MAX.	△4.
	△6.	△5.							
0 3	3	—	.562-24	.71	.55	1.15	.84	1.38	0 4
0 8	—	8,8S	.500-20	.71	.55	1.15	.84	1.38	0 4
1 0	—	10,10S,10SL	.625-24	.78	.57	1.17	.97	1.44	0 6
1 2	7	12,12S	.750-20	.90	.60	1.20	1.09	1.50	0 8
1 4	12	14,14S	.875-20	1.03	.61	1.21	1.22	1.56	0 9
1 6	19	16,16S	1.000-20	1.15	.64	1.24	1.34	1.63	1 2
1 8	27	18	1.062-18	1.23	.65	1.25	1.34	1.63	1 2
2 0	37	20	1.188-18	1.36	.68	1.28	1.47	1.69	1 4
2 2	—	22	1.312-18	1.48	.70	1.30	1.59	1.75	1 6
2 4	—	24	1.438-18	1.61	.73	1.33	1.72	1.81	1 8
2 8	—	28	1.750-18	1.99	.78	1.38	1.97	1.88	2 4
3 2	—	32	2.000-18	2.24	.83	1.43	2.22	2.00	2 4
3 6	—	36	2.250-16	2.49	.86	1.46	2.34	2.13	2 4
4 0	—	40	2.500-16	2.74	.91	1.51	2.59	2.25	2 4
4 4	—	44	2.750-16	2.99	.96	1.56	2.84	2.38	2 4
4 8	—	48	3.000-16	3.24	1.01	1.61	3.09	2.50	2 4
6 1	61	—	1.500-18	1.67	.74	1.34	1.78	1.88	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.

*THIS DOCUMENT INCOMPLETE WITHOUT "ENTRY SPECIFICATION SHEET & SHEET 3".