



ELECTRO ADAPTER, INC.
CHATSORTH, CALIFORNIA, USA 91311
PHONE: (818) 998-1198
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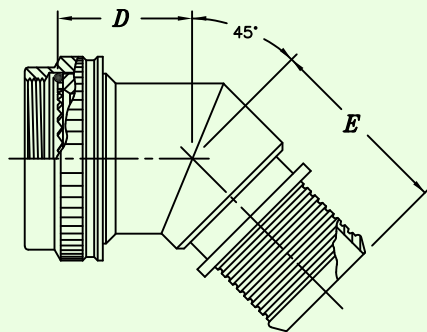
EMP BAND ADAPTER

AS85049 CATEGORY 3B
ENTRY SPECIFICATION SHEET *

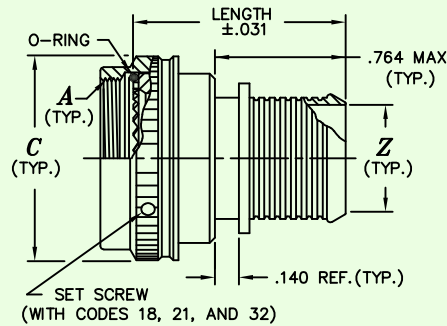
SPECIFICATION CONTROL DRAWING

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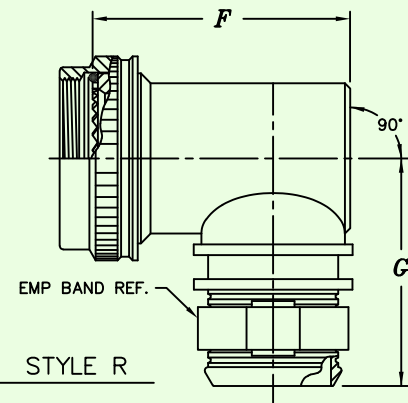
Add'l finish options [TABLE 4 click here](#)



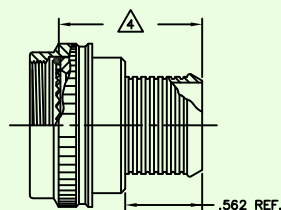
STYLE A



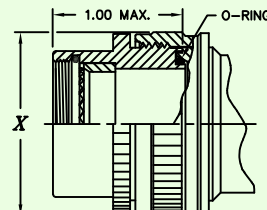
STYLE S



STYLE R



MODIFICATION Z
(LESS BOOT GROOVE)



2 PIECE Δ

Example Part Number

21741S161030855S

BASIC
ADAPTER
NUMBER

STYLE

S = STRAIGHT
A = 45°
R = 90°

ORDER NO.
PER TABLE II

MODIFICATION CODE Δ

S = SELF LOCKING ROUND COUPLING.
Z = LESS BOOT GROOVE, OMIT FOR
STANDARD BOOT GROOVE Δ

TABLE I - CONNECTOR CODE

MILITARY SPECIFICATION	SERIES	CODE NO.
MIL-DTL-38999	III & IV	4 0
MIL-DTL-38999	I & II	4 1
MIL-DTL-5015G	3400	5 4
MIL-C-81703	3	5 4
MIL-DTL-83723	I	5 4
MIL-DTL-26482	2	5 4
MIL-DTL-83723	III	5 4
NAS1599	-	5 4

TABLE III - ENTRY DATA

ENTRY ORDER NO.	EMP BAND		
	Z +.010 -.020 DIA.	X MAX DIA.	BOOT P/N REF
0 4	.250	N/A	152-42-G-W24
0 6	.375	.734	152-42-G-W24
0 8	.500	.858	154-42-G-W24
1 0	.625	1.112	154-42-G-W24
1 2	.750	1.345	155-42-G-W24
1 4	.875	1.345	156-42-G-W24
1 6	1.000	1.594	156-42-G-W24
1 8	1.125	1.594	157-43-G-W24
2 0	1.250	1.969	157-43-G-W24

PLATING CODE NUMBER

10 = PASSIVATE, PER SAE AMS-QQ-P-35 (MATERIAL=SST)
12 = ZINC NICKEL, BLACK, PER ASTM B841
OVER ELECTROLESS NICKEL
12R = ZINC NICKEL, BLACK, PER ASTM B841
OVER ELECTROLESS NICKEL, ROHS COMPLIANT
55 = CADMIUM, OLIVE DRAB, PER SAE-AMSQQ-P-416,
TYPE II, CLASS 3, OVER ELECTROLESS NICKEL
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)
1.250 Δ	18, 21, 40, 41
1.500 Δ	30, 32, 61

TERMINATION NUMBER

1 = ADAPTER ONLY
2 = OBSOLETE
3 = ADAPTER w/ 214L0002 EMP BAND AND SHRINK SLEEVE
4 = ADAPTER w/ 214L0002 EMP BAND
5 = ADAPTER w/ 214L0002 EMP BAND AND SHRINK BOOT
6 = ADAPTER w/ 214L0006 EMP BAND AND SHRINK BOOT
7 = ADAPTER w/ 214L0005 EMP BAND AND SHRINK BOOT
8 = ADAPTER w/ 214L0005 EMP BAND
9 = ADAPTER w/ 214L0006 EMP BAND

* THIS DOCUMENT INCOMPLETE WITHOUT
"INTERFACE SPECIFICATION SHEET".

REV AA



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EMP BAND ADAPTER
INTERFACE SPECIFICATION SHEET *

SPECIFICATION CONTROL DRAWING

21740

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

ORDER NO.	SHELL SIZE		<i>A</i> METRIC THD. CLASS 6H	ϕC MAX.	<i>D</i> MAX.	<i>E</i> MAX. 	<i>F</i> MAX.	<i>G</i> MAX. 		BAND MAX. 1 PIECE ENTRY	
	COM'L.	MIL.									
0 8	9	A	M12 x 1.0	.703	.52	1.15	.84	1.28		0 4	
1 0	11	B	M15 x 1.0	.827	.54	1.17	.97	1.34		0 6	
1 2	13	C	M18 x 1.0	.953	.57	1.20	1.09	1.41		0 8	
1 4	15	D	M22 x 1.0	1.077	.59	1.23	1.22	1.47		1 0	
1 6	17	E	M25 x 1.0	1.203	.62	1.25	1.34	1.53		1 2	
1 8	19	F	M28 x 1.0	1.327	.63	1.26	1.41	1.59		1 3	
2 0	21	G	M31 x 1.0	1.453	.66	1.29	1.53	1.66		1 5	
2 2	23	H	M34 x 1.0	1.577	.68	1.32	1.66	1.72		1 7	
2 4	25	J	M37 x 1.0	1.703	.71	1.34	1.78	1.78		1 9	

NOTES:

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

 "2 PIECE" CONFIG. SUPPLIED WHEN CABLE
ENTRY DIA. EXCEEDS CONN. INSERT DIA..

 DIMENSIONS INDICATED WILL BE .20" LESS
WHEN ORDERED WITH MOD. CODE Z.

 FOR MULTIPLE MOD. CODES USE SEQUENCE
SHOWN.



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INTERFACE SPECIFICATION SHEET *

SPECIFICATION CONTROL DRAWING
21741

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

ORDER NO.	SHELL SIZE		<i>A</i> UNIFIED THD. CLASS 2B	ϕC MAX.	<i>D</i> MAX.	<i>E</i> MAX. 	<i>F</i> MAX.	<i>G</i> MAX. 		BAND MAX. 1 PIECE ENTRY	
	SER. II	SER. I									
0 8	8	9	.438-28	.703	.52	1.15	.84	1.28		0 4	
1 0	10	11	.562-24	.827	.54	1.17	.97	1.34		0 6	
1 2	12	13	.688-24	.953	.57	1.20	1.09	1.41		0 8	
1 4	14	15	.812-20	1.077	.59	1.23	1.22	1.47		1 0	
1 6	16	17	.938-20	1.203	.62	1.25	1.34	1.53		1 2	
1 8	18	19	1.062-18	1.327	.63	1.26	1.41	1.59		1 3	
2 0	20	21	1.188-18	1.453	.66	1.29	1.53	1.66		1 5	
2 2	22	23	1.312-18	1.577	.68	1.32	1.66	1.72		1 7	
2 4	24	25	1.438-18	1.703	.71	1.34	1.78	1.78		1 9	

NOTES:

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



"2 PIECE" CONFIG. SUPPLIED WHEN CABLE
ENTRY DIA. EXCEEDS CONN. INSERT DIA..



DIMENSIONS INDICATED WILL BE .20" LESS
WHEN ORDERED WITH MOD. CODE Z.



FOR MULTIPLE MOD. CODES USE SEQUENCE
SHOWN.



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 INTERFACE SPECIFICATION SHEET *

SPECIFICATION CONTROL DRAWING

21754

TABLE II — CONNECTOR CODE 54

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

ORDER NO.	SHELL SIZE		A UNIFIED THD. CLASS 2B	ϕC MAX.	D MAX.	E MAX. 	F MAX.	G MAX. 		BAND MAX. 1 PIECE ENTRY	
											
0 3	3	—	.562-24	.71	.55	1.15	.84	1.28		0 4	
0 8	—	8,8S	.500-20	.71	.55	1.15	.84	1.28		0 4	
1 0	—	10,10S,10SL	.625-24	.78	.57	1.17	.97	1.31		0 6	
1 2	7	12,12S	.750-20	.90	.60	1.20	1.09	1.38		0 8	
1 4	12	14,14S	.875-20	1.03	.61	1.21	1.16	1.44		0 8	
1 6	19	16,16S	1.000-20	1.15	.64	1.24	1.28	1.50		1 0	
1 8	27	18	1.062-18	1.23	.65	1.25	1.34	1.53		1 2	
2 0	37	20	1.188-18	1.36	.68	1.28	1.47	1.59		1 4	
2 2	—	22	1.312-18	1.48	.70	1.30	1.59	1.66		1 6	
2 4	—	24	1.438-18	1.61	.73	1.33	1.72	1.72		1 8	
2 8	—	28	1.750-18	1.99	.78	1.38	1.97	1.88		2 0	
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	1.75		1 8	

NOTES:

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS — ALUM. ALLOY
O'RING — N/A

 SIZES PER MIL-C-81703, SERIES 3.

-  "2 PIECE" CONFIG. SUPPLIED WHEN CABLE ENTRY DIA. EXCEEDS CONN. INSERT DIA..
-  DIMENSIONS INDICATED WILL BE .20" LESS WHEN ORDERED WITH MOD. CODE Z.
-  FOR MULTIPLE MOD. CODES USE SEQUENCE SHOWN.
-  SIZES PER MIL-DTL-5015 (3400 SERIES), MIL-DTL-26482 (SERIES 2), MIL-DTL-83723 (SERIES I & III), & NAS1599.