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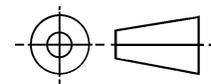
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AS85049/84

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THIRD ANGLE PROJECTION



ISSUED 2000-06

PREPARED BY SAE SUBCOMMITTEE AE-8C1



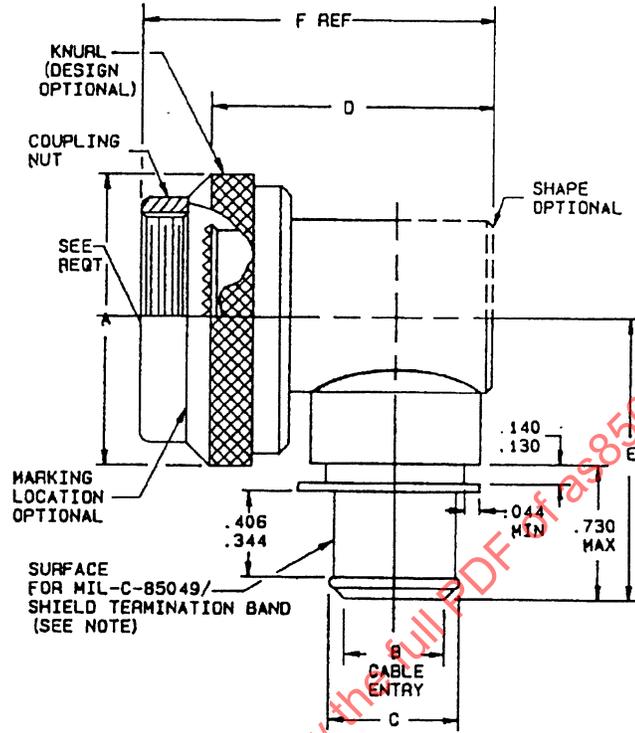
AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL BACKSHELL, 90°, SELF-LOCKING, SHIELD BAND TERMINATION, (RFI/EMI), SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B (FOR MIL-C-5015 CRIMP, MIL-C-26482 SERIES 2, MIL-C-81703 SERIES 3 AND MIL-C-83723 SERIES III CONNECTORS)

AS85049/84
SHEET 1 OF 5

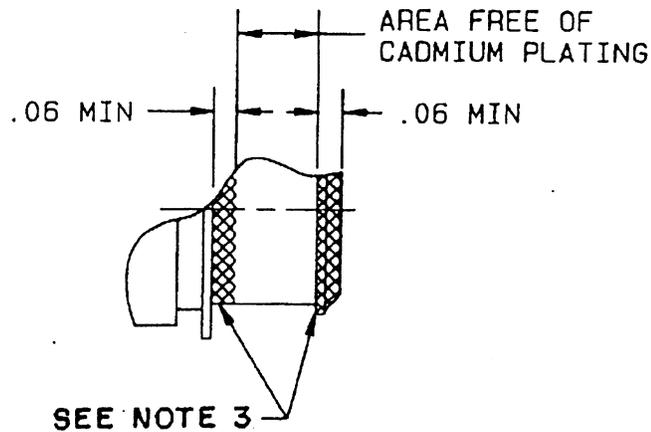
AS85049/84

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION: MIL-C-85049.



NOTE; Ribbed, internal knurl or surface roughness R_a 125-250 in accordance with ANSI B46.1. See figure 2 for selective plating details.

FIGURE 1. CONFIGURATION AND DIMENSIONS.



Inches	mm										
.044	1.12	.660	16.76	.957	24.31	1.270	32.26	1.635	41.53	1.906	48.41
.130	3.30	.684	17.37	1.000	25.40	1.343	34.11	1.656	42.06	1.917	48.69
.140	3.56	.707	17.96	1.010	25.65	1.385	35.18	1.667	42.34	1.965	49.91
.250	6.35	.730	18.54	1.020	25.91	1.417	35.99	1.715	43.37	2.027	51.49
.312	7.92	.750	19.05	1.083	27.51	1.468	37.29	1.718	43.64	2.031	51.59
.395	10.03	.770	19.56	1.125	28.58	1.480	37.59	1.730	43.94	2.042	51.87
.438	11.13	.812	20.62	1.135	28.83	1.497	38.02	1.750	44.45	2.135	54.23
.457	11.61	.829	21.06	1.145	29.08	1.510	38.35	1.792	45.52	2.153	54.69
.500	12.70	.875	22.22	1.156	29.36	1.531	38.89	1.840	46.74	2.247	57.07
.562	14.27	.885	22.48	1.160	29.46	1.542	39.17	1.843	46.81	2.402	61.01
.583	14.81	.895	22.73	1.218	30.94	1.590	40.37	1.850	46.99	3.002	76.25
.625	15.88	.938	23.83	1.260	32.00	1.605	40.77	1.885	47.88		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Cadmium/nickel interface shall be coated with polysulfide sealant.

FIGURE 2. SELECTIVE PLATING.

TABLE I. SHELL SIZE AND DIMENSIONS.

Accessory shell size	For connector shell size (ref)				A max dia	B dia $\pm .010$ entry size		C dia ref	D max dim	E max dim	F ref	
	MIL-C-81703 series 3	MIL-C-26482 series 2	MIL-C-5015 crimp	MIL-C-83723 series III		02	03					02
08	---	8	8s	8	.885	N/A	.250	N/A	.395	1.188	1.417	1.497
10	---	10	10S, 10SL	10	1.010	N/A	.312	N/A	.457	1.281	1.480	1.590
12	7	12	12S and 12	12	1.135	.312	.438	.457	.583	1.406	1.542	1.715
14	12	14	14S and 14	14	1.260	.438	.562	.583	.707	1.531	1.605	1.84
16	19	16	16S and 16	16	1.385	.500	.625	.645	.770	1.656	1.667	1.965
18	27	18	18	18	1.510	.625	.750	.770	.895	1.718	1.730	2.027
20	37	20	20	20	1.635	.625	.812	.770	.957	1.844	1.792	2.153
22	---	22	22	22	1.760	.684	.938	.829	1.083	1.938	1.850	2.247
24	---	24	24	24	1.885	.750	1.000	.895	1.145	2.093	1.917	2.402
28	---	---	28	---	2.135	.875	1.125	1.020	1.270	2.531	2.042	3.002