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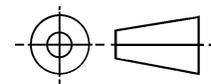
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THIRD ANGLE PROJECTION



ISSUED 2000-06

PREPARED BY SAE SUBCOMMITTEE AE-8C1



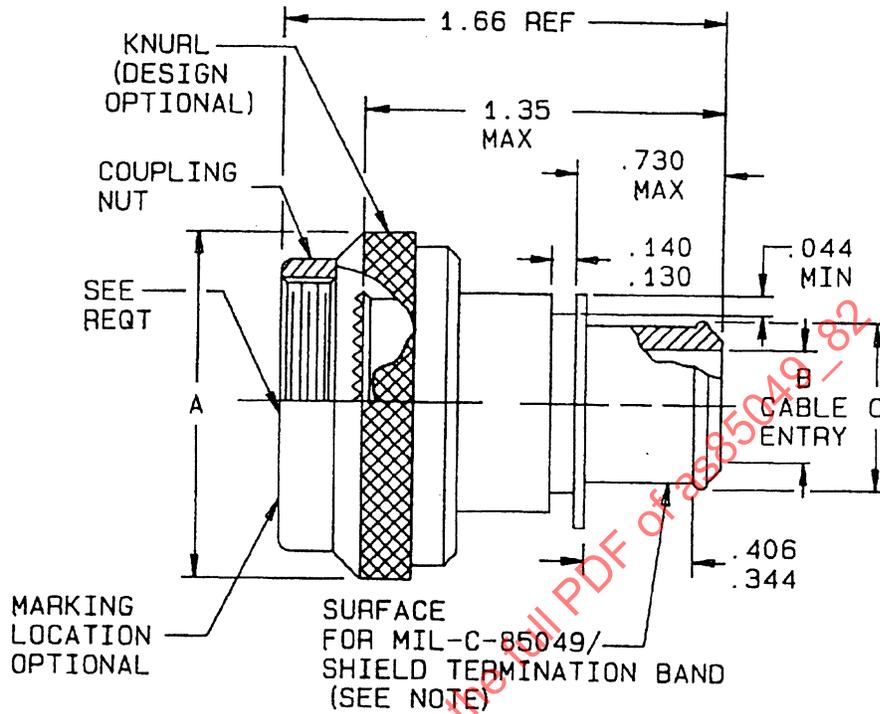
AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, STRAIGHT, 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)

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SHEET 1 OF 5

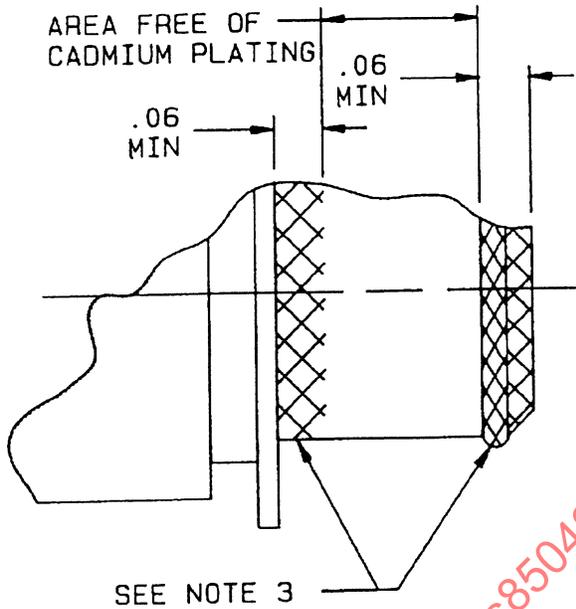
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NOTE: Ribbed, internal knurl or surface roughness R_A 125-250 in accordance with ANSI B46.1. See figure 2 for selective plating detail.

FIGURE 1. CONFIGURATION AND DIMENSIONS.



Inches	mm								
.044	1.12	.500	12.70	.750	19.05	.957	24.30	1.190	30.23
.130	3.30	.562	14.27	.770	19.56	1.000	25.40	1.260	32.00
.140	3.56	.583	14.81	.812	20.62	1.010	25.65	1.270	32.26
.250	6.35	.625	15.88	.829	21.06	1.020	25.91	1.385	35.18
.312	7.92	.660	16.76	.875	22.22	1.083	27.51	1.510	38.35
.395	10.03	.684	17.37	.885	22.48	1.125	28.58	1.635	41.53
.438	11.13	.707	17.96	.895	22.73	1.135	28.83	1.750	44.45
.457	11.61	.730	18.54	.938	23.83	1.145	29.08	1.885	47.88
								2.135	54.23

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	
	MIL-C-81703 series 3	MIL-C-26482 series 2	MIL-C-5015 crimp	MIL-C-83723 series III				
08	---	8	8s	8	.885	N/A	.250 N/A	.395
10	---	10	10S, 10SL	10	1.010	N/A	.312 N/A	.457
12	---	12	12S and 12	12	1.135	.312	.438	.457 .583
14	---	14	14S and 14	14	1.260	.438	.562	.583 .707
16	---	16	16S and 16	16	1.385	.500	.625	.645 .770
18	---	18	18	18	1.510	.625	.750	.770 .895
20	---	20	20	20	1.635	.625	.812	.770 .957
22	---	22	22	22	1.760	.688	.938	.829 1.083
24	---	24	24	24	1.885	.750	1.000	.895 1.145
28	---	---	28	---	2.135	.875	1.125	1.020 1.270

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