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AS85049/88

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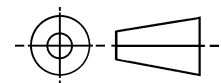
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THIRD ANGLE PROJECTION



ISSUED 2000-06

PREPARED BY SAE SUBCOMMITTEE AE-8C1

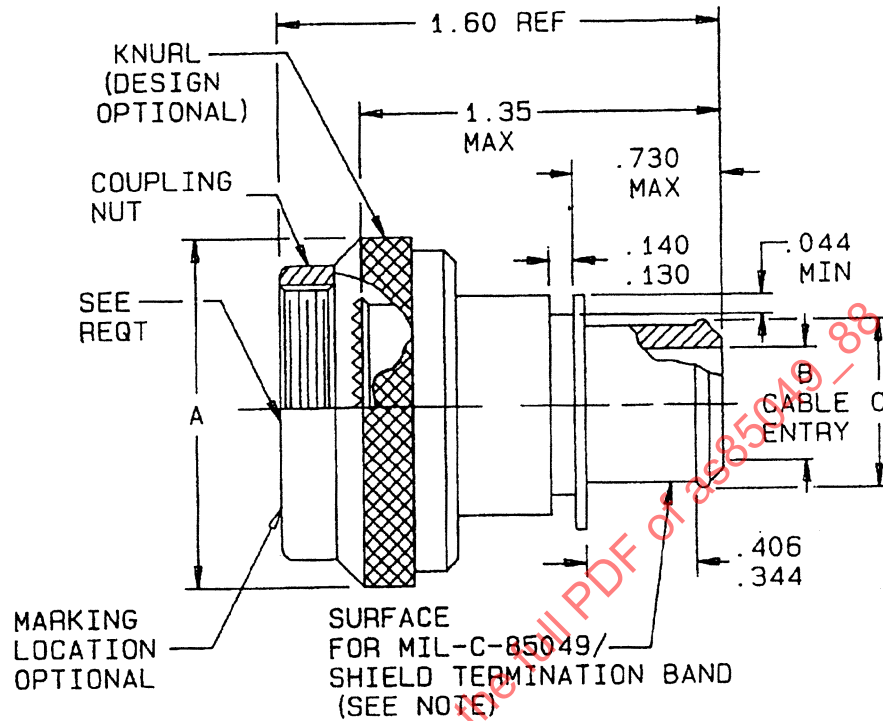
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AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
STRAIGHT, SELF-LOCKING, SHIELD BAND TERMINATION, (RFI/EMI),
SHRINK BOOT ACCOMMODATION, CATEGORY 3B
(FOR MIL-C-38999 SERIES III AND IV CONNECTORS)

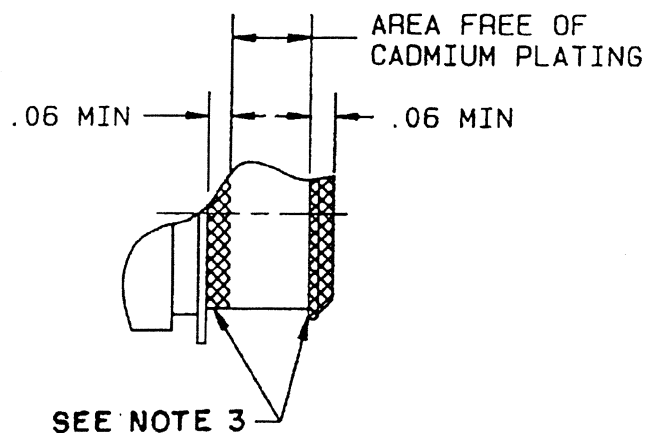
AS85049/88
SHEET 1 OF 6

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	Inches	mm	Inches	mm	Inches	mm
.044	1.12	.562	14.27	.829	21.06	1.157	29.39
.130	3.30	.583	14.81	.858	21.79	1.279	32.49
.140	3.56	.625	15.88	.895	22.73	1.350	34.29
.250	6.35	.684	17.37	.938	23.83	1.406	35.71
.312	7.92	.707	17.96	.957	24.30	1.516	38.51
.395	10.03	.730	18.54	.984	24.99	1.642	41.71
.438	11.13	.750	19.05	1.000	25.40	1.768	44.91
.457	11.61	.770	19.56	1.083	27.51	1.889	47.98
.500	12.70	.812	20.62	1.145	29.08		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 (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	Shell size code (ref)	A max dia	B dia ±.010 entry size		C dia ref	
			02	03	02	03
9	A	.858	N/A	.250	N/A	.395
11	B	.984	N/A	.312	N/A	.457
13	C	1.157	.312	.438	.457	.583
15	D	1.279	.438	.562	.583	.707
17	E	1.406	.500	.625	.645	.770
19	F	1.516	.625	.750	.770	.895
21	G	1.642	.625	.812	.770	.957
23	H	1.768	.688	.938	.829	1.083
25	J	1.889	.750	1.000	.895	1.145

REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1 and table I.

Interface dimensions: Shall conform to MIL-C-85049.

Coupling nut: Shall be captivated to the adapter body and free to rotate.

Material and finish: In accordance with MIL-C-85049 and table II herein.