

NOTICE

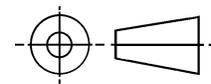
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THIRD ANGLE PROJECTION



ISSUED 2000-05 REAFFIRMED 2006-01

AS85049/62

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PREPARED BY SAE SUBCOMMITTEE AE-8C1

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AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL,
ADAPTER, SHRINK BOOT, CATEGORY 5
(FOR MIL-C-38999 SERIES I AND II CONNECTORS)

AS85049/62
SHEET 1 OF 5

AS85049/62

THE REQUIREMENTS FOR ACQUIRING THE ACCESSORIES DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF MIL-C-85049.

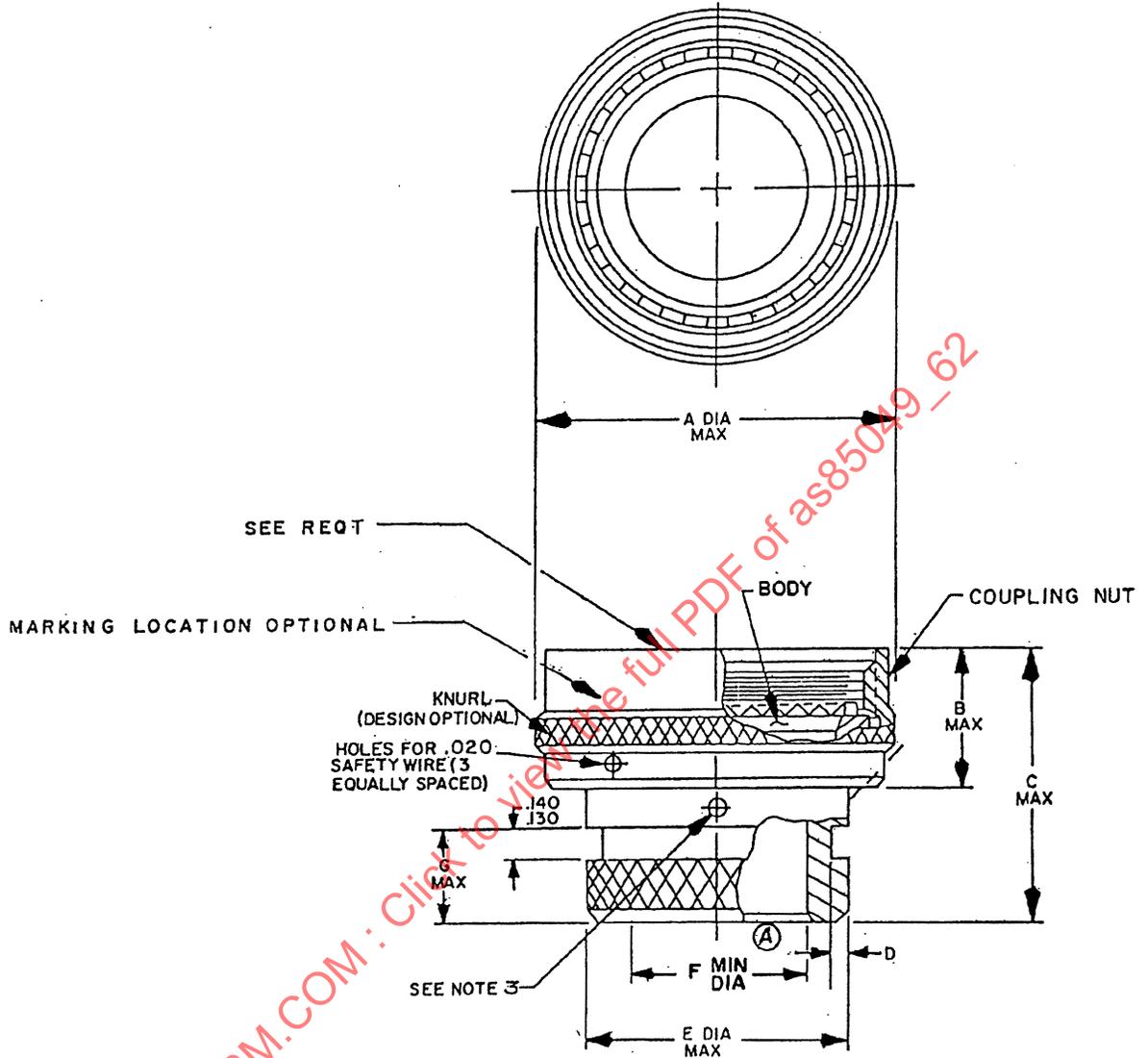


FIGURE 1. DIMENSIONS AND CONFIGURATION.

INCHES	mm	INCHES	mm	INCHES	mm
.008	0.20	.54	13.72	1.042	26.47
.020	0.51	.605	15.37	1.062	26.97
.044	1.12	.625	15.88	1.10	27.94
.069	1.75	.75	19.05	1.188	30.18
.130	3.30	.774	19.66	1.217	30.91
.140	3.56	.812	20.62	1.25	31.75
.250	6.35	.838	21.29	1.355	34.42
.375	9.53	.85	21.50	1.40	35.56
.425	10.80	.937	23.80	1.443	36.65
.500	12.70	.963	24.46	1.50	38.10
.533	13.54	1.000	25.40	1.65	41.91
				1.75	44.45

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Drain holes with .12 diameter, (3.0 mm) 4 places, 90° apart (optional see part number).
4. Dimensions apply after plating.

FIGURE 1. DIMENSIONS AND CONFIGURATION - CONTINUED.

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REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1 and table I.

Accessory interface dimensions shall conform to MIL-C-38999, series I and II.

Complete accessory consists of a coupling nut and body. The coupling nut shall be captivated to, and free to rotate on the body.

Material: Aluminum alloy in accordance with MIL-C-85049.

Finish: In accordance with MIL-C-85049. A, N, W. ^{1/}

TABLE I. SHELL SIZE AND DIMENSIONS.

Dash number	Fits connector shell size		A diameter maximum	B maximum	C maximum	D +.008 -.000	E diameter maximum	F minimum	G maximum
	Series II	Series I							
08	8	9	.75	.54	1.000	.044	.533	.250	.425
10	10	11	.85	.54	1.000	.044	.605	.375	.425
12	12	13	1.00	.54	1.000	.044	.774	.500	.425
14	14	15	1.10	.54	1.000	.044	.838	.625	.425
16	16	17	1.25	.54	1.000	.044	.963	.750	.425
18	18	19	1.40	.54	1.000	.044	1.042	.812	.425
20	20	21	1.50	.54	1.000	.069	1.217	.937	.425
22	22	23	1.65	.54	1.000	.069	1.355	1.062	.425
24	24	25	1.75	.54	1.000	.069	1.443	1.188	.425

Part number: See example below.

Basic number _____

Specification sheet number _____

Dash number (see table I) _____

Finish _____

Drain hole option (if required) _____

M85049/ 62 -10 W D

Application: Used to adapt MS3109, MS3117, and MIL-C-83723/16 shrink boots.

QPL evaluating activity: Naval Avionics Center, Code B/714, 6000 East 21st Street, Indianapolis, Indiana 46219-2189.

Qualification: See MIL-C-85049, category 5.

^{1/} A finish inactive for new design. N finish not for Navy use; Air Force use for space applications only. W is the preferred finish.