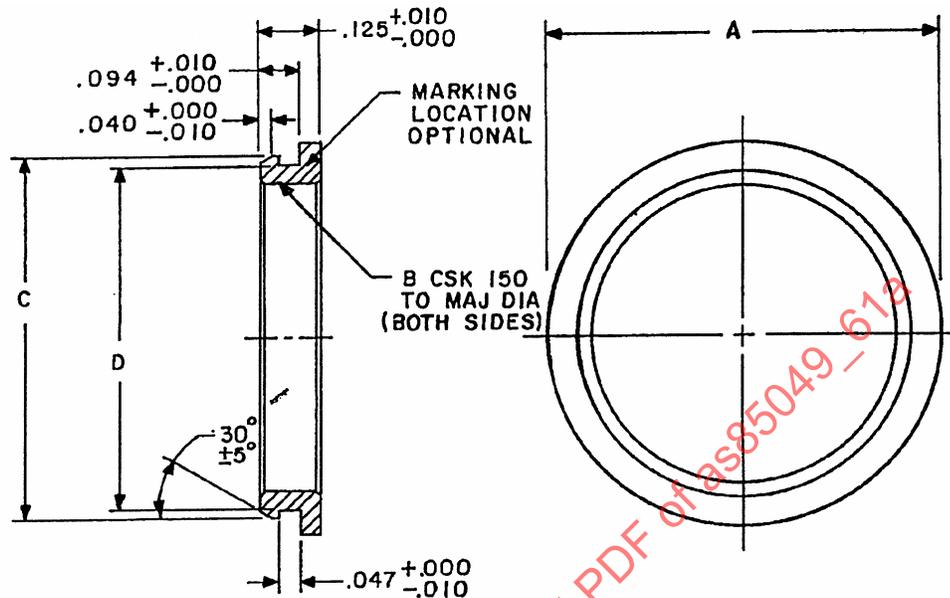


REV.
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AS85049/61

FEDERAL SUPPLY CLASS
5935

THE REQUIREMENTS FOR ACQUIRING THE ACCESSORIES DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS85049.

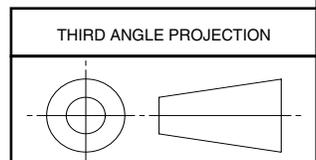


INCH	mm	INCH	mm	INCH	mm
.010	0.25	.734	18.64	1.234	31.34
.040	1.02	.766	19.46	1.228	31.19
.047	1.19	.844	21.44	1.268	32.21
.094	2.39	.852	21.64	1.344	34.14
.125	3.18	.892	22.66	1.352	34.34
.476	12.09	.969	24.61	1.392	35.36
.516	13.11	1.018	25.86	1.469	37.31
.594	15.09	1.094	27.79	1.478	37.54
.602	15.29	1.102	27.99	1.518	38.56
.642	16.31	1.142	29.01	1.594	40.49

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. DIMENSIONS APPLY AFTER PLATING.
3. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY.

FIGURE 1 - DIMENSIONS AND CONFIGURATION



CUSTODIAN: SAE AE-8/AE-8C1

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL,
RING, POTTING BOOT, CATEGORY 5
(MIL-C-27599 CONNECTORS)

AS85049/61
SHEET 1 OF 3

**REV.
A**

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ISSUED 2000-05 REVISED 2004-03

REQUIREMENTS:

DESIGN AND CONSTRUCTION:

DIMENSIONS AND CONFIGURATIONS: SEE FIGURE 1 AND TABLE 1.

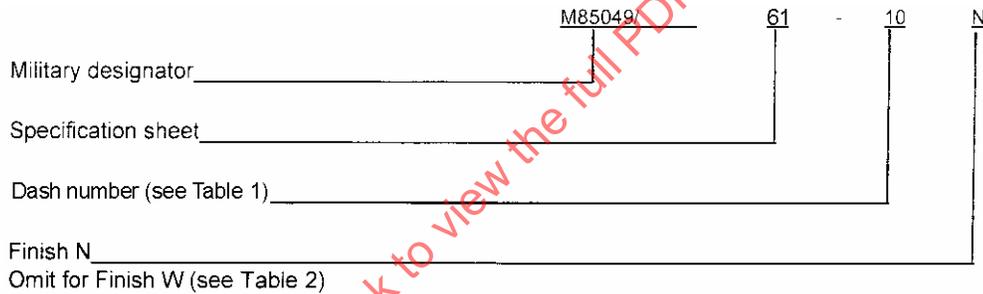
MATERIAL: ALUMINUM ALLOY IN ACCORDANCE WITH AS85049.

FINISH: W AND N IN ACCORDANCE WITH AS85049.

TABLE 1 - SHELL SIZE AND DIMENSIONS

DASH NUMBER	FITS CONNECTOR SHELL SIZE		A MAXIMUM DIAMETER	B THREAD UNEF CLASS 2B	C +.010 -0.000 DIAMETER	D ±.010 DIAMETER
	SERIES II	SERIES I				
8	8	9	.594	.4375-28	.516	.476
10	10	11	.734	.5625-24	.642	.602
12	12	13	.844	.6875-24	.766	.726
14	14	15	.969	.8125-20	.892	.852
16	16	17	1.094	.9375-20	1.018	.978
18	18	19	1.234	1.0625-18	1.142	1.102
20	20	21	1.344	1.1875-18	1.268	1.228
22	22	23	1.469	1.3125-18	1.392	1.352
24	24	25	1.594	1.4375-18	1.518	1.478

PART NUMBER: SEE EXAMPLE BELOW:



APPLICATION: FOR USE WITH AS85049/74 POTTING BOOTS.

QUALIFICATION: SEE AS85049, CATEGORY 5.

QUALIFICATION IS REQUIRED FOR U.S. GOVERNMENT PROCUREMENT. THE QPL EVALUATING ACTIVITY, FOR U.S. DEPARTMENT OF DEFENSE PROCUREMENT PURPOSES, NAVAL AIR SYSTEMS COMMAND (CODE 4.4.4.3), 48142 SHAW ROAD, BLDG. 3197, SUITE E, PATUXENT RIVER, MD 20670.

SUPERSESSION DATA:

