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REV.
C

AS85049™/32

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO IMPROVE DRAWINGS, REPLACE PART NUMBER/SUPERSESSION IMAGES WITH WORD TEXT, UPDATE APPLICATION RESTRICTION TO LATEST AEROSPACE COUNCIL APPROVED WORDING, AND TO ADD METRIC EQUIVALENTS TO TOLERANCES IN TABLE 2 AND DIMENSIONS IN FIGURE 2.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS85049.

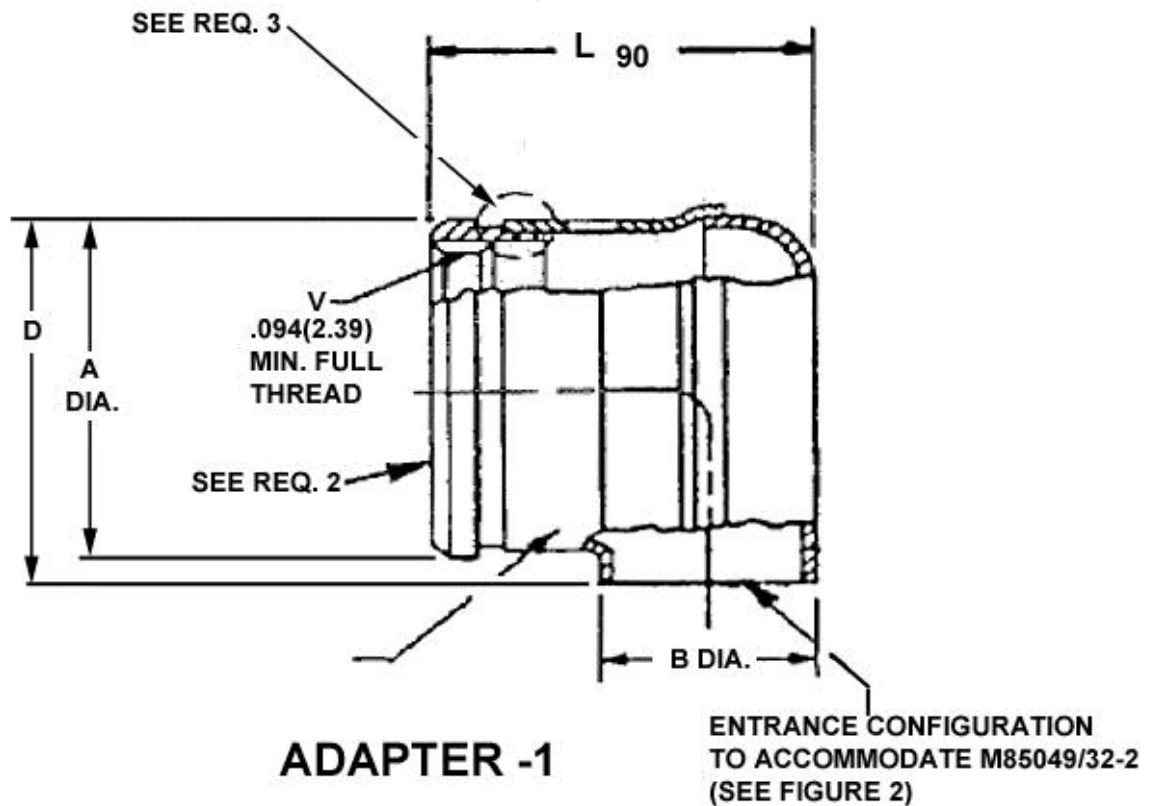
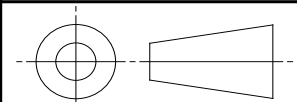


FIGURE 1 - ACCESSORY DIMENSIONS AND CONFIGURATION – 90 DEGREE ADAPTER

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/32C>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL
BACKSHELL, NONENVIRONMENTAL, 90°, SHIELDED
TERMINATION, CATEGORY 3C
(FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)

AS85049™/32
SHEET 1 OF 5

REV.
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Documents

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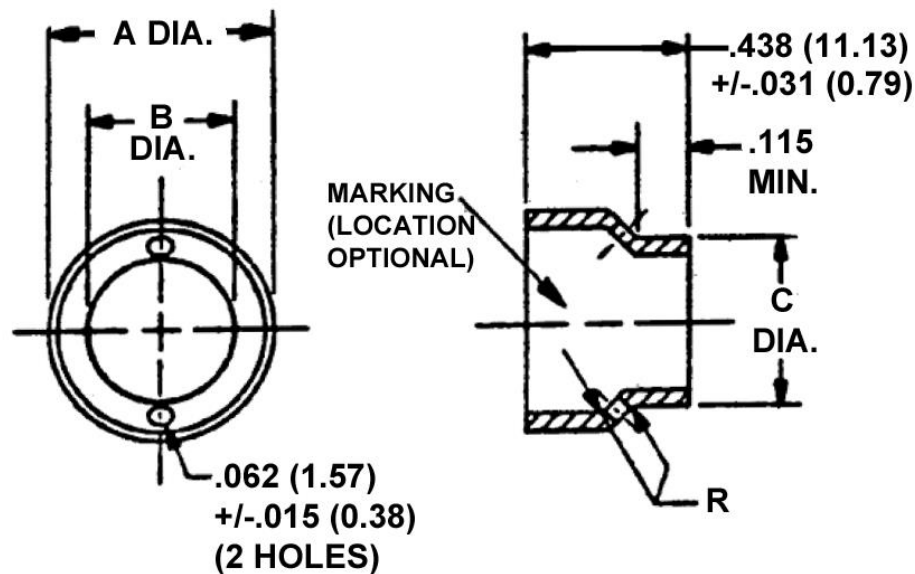
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TABLE 1 – FIGURE 1 DIMENSIONS

ADAPTER SHELL SIZE	FITS CONNECTOR SHELL SIZE		A MAXIMUM DIAMETER	B MAXIMUM DIAMETER	D MAXIMUM DIAMETER	L 90 MAXIMUM	V THREAD UNEQ CLASS 2B
	SERIES II	SERIES I					
8	8	9	.594 (15.09)	.359 (9.12)	.656 (16.66)	.719 (18.26)	.4375-28
10	10	11	.719 (18.26)	.406 (10.31)	.781 (19.84)	.766 (19.46)	.5624-24
12	12	13	.844 (21.44)	.500 (12.70)	.938 (23.83)	.859 (21.82)	.6875-24
14	14	15	.969 (24.61)	.578 (14.68)	1.062 (26.97)	.938 (23.83)	.8125-20
16	16	17	1.094 (27.79)	.641 (16.28)	1.219 (30.96)	1.000 (25.40)	.9375-20
18	18	19	1.219 (30.96)	.688 (17.48)	1.344 (34.14)	1.047 (26.59)	1.0625-18
20	20	21	1.344 (34.14)	.734 (18.64)	1.469 (37.31)	1.094 (27.79)	1.1875-18
22	22	23	1.469 (37.31)	.796 (20.22)	1.594 (40.49)	1.156 (29.36)	1.3125-18
24	24	25	1.594 (40.49)	.859 (21.82)	1.719 (43.66)	1.219 (30.96)	1.4375-18



ADAPTER -2

FIGURE 2 - DIMENSIONS AND CONFIGURATION - ADAPTER REDUCER

	AEROSPACE STANDARD	AS85049™/32 SHEET 2 OF 5	REV. C
	(R) CONNECTOR ACCESSORIES, ELECTRICAL BACKSHELL, NONENVIRONMENTAL, 90°, SHIELDED TERMINATION, CATEGORY 3C (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)		



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