

REV.
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AS85049/59

RATIONALE

REVISION IS REQUIRED TO CORRECT ERROR IN TABLE 1, DIMENSION H FOR SHELL SIZE 20, TO RE-WORK FIGURE 1 TO IMPROVE COMPONENT FEATURE LINES AND OVERALL LEGIBILITY, AND TO UPDATE DOCUMENT TO LATEST SAE FORMAT.

NOTICE

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

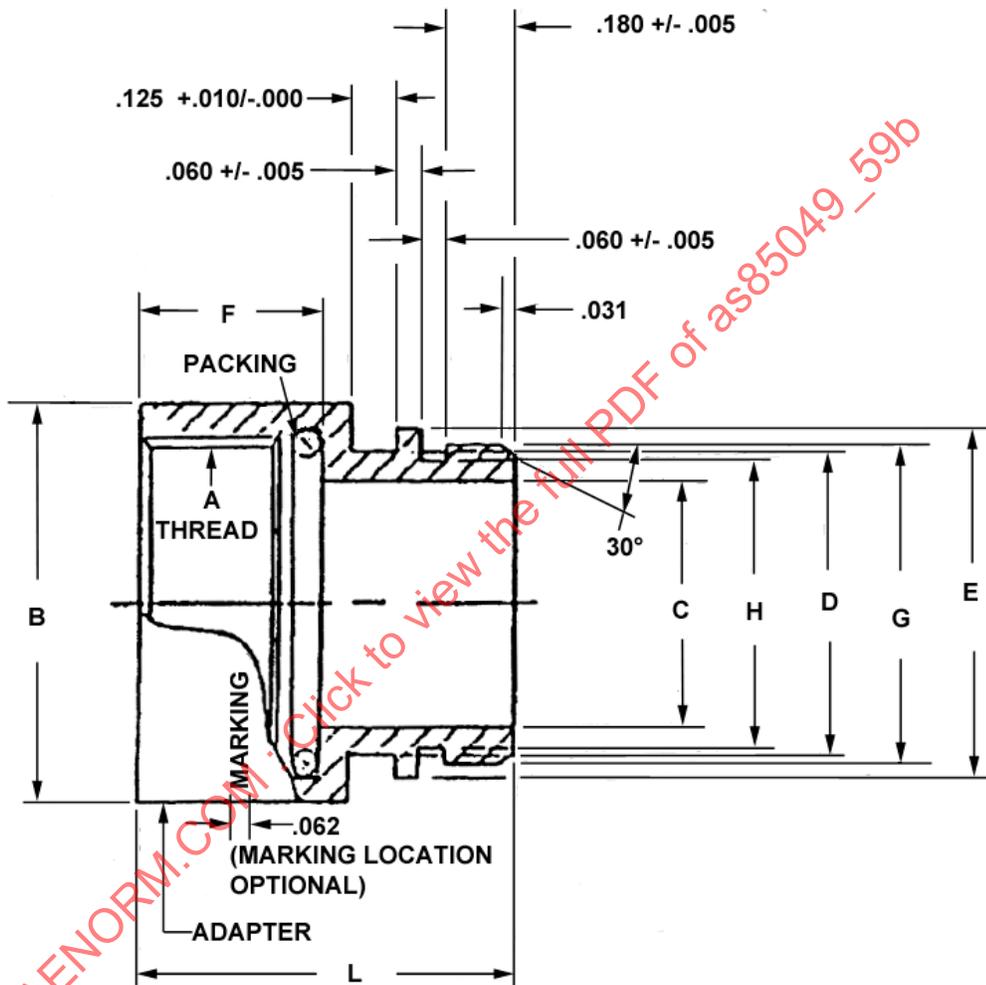
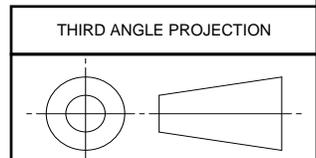


FIGURE 1 - CONFIGURATIONS AND DIMENSIONS

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CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL, ADAPTER, SHRINK BOOT, CATEGORY 5 (FOR MIL-DTL-22992 CONNECTORS, CLASSES C, J, AND R)

AS85049/59
SHEET 1 OF 3

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TABLE 1 - DIMENSIONS

ADAPTER SIZE NO.	A THREAD CLASS 2B-LH	B ±.010	C DIA ±.005	D DIA ±.010	E DIA ±.010	F ±.016	G +.010 -.000	H DIA ±.005	L ±.031
12	.7500-20 UNEF	.923 (23.44)	.500 (12.70)	.673 (17.09)	.798 (20.27)	.479 (12.17)	.766 (19.46)	.673 (17.09)	1.175 (29.85)
14	.8750-20 UNEF	1.047 (26.59)	.656 (16.66)	.797 (20.24)	.922 (23.42)	.479 (12.17)	.844 (21.44)	.797 (20.24)	1.175 (29.85)
16	1.000-20 UNEF	1.172 (29.77)	.813 (20.65)	.923 (23.44)	1.048 (26.62)	.479 (12.17)	.969 (24.61)	.923 (23.44)	1.175 (29.85)
18	1.125-18 UNEF	1.297 (32.94)	.938 (23.83)	1.047 (26.59)	1.172 (29.77)	.479 (12.17)	1.094 (27.79)	1.047 (26.59)	1.175 (29.85)
20	1.250-18 UNEF	1.422 (36.12)	1.063 (27.00)	1.172 (29.77)	1.297 (32.94)	.479 (12.17)	1.219 (30.96)	1.172 (29.77)	1.175 (29.85)
22	1.375-18 UNEF	1.547 (39.29)	1.188 (30.18)	1.297 (32.94)	1.423 (36.14)	.479 (12.17)	1.344 (34.14)	1.297 (32.94)	1.175 (29.85)
24	1.625-19UNEF	1.787 (45.39)	1.312 (33.32)	1.537 (39.04)	1.662 (42.21)	.479 (12.17)	1.469 (37.31)	1.422 (36.12)	1.175 (29.85)
28	1.875-16 UN	2.047 (51.99)	1.500 (38.10)	1.797 (45.64)	1.922 (48.82)	.479 (12.17)	1.719 (43.66)	1.679 (42.65)	1.175 (29.85)
32	2.0625-16 UN	2.297 (58.34)	1.800 (45.72)	2.047 (51.99)	2.172 (55.17)	.479 (12.17)	2.000 (50.80)	1.960 (49.78)	1.175 (29.85)
36	2.3125-16 UN	2.547 (64.69)	2.000 (50.80)	2.297 (58.34)	2.422 (61.52)	.479 (12.17)	2.219 (56.36)	2.179 (55.35)	1.175 (29.85)
40	2.6250-16 UN	2.859 (72.62)	2.250 (57.15)	2.609 (66.27)	2.734 (69.44)	.667 (16.94)	2.469 (62.71)	2.429 (61.70)	1.375 (34.93)
44	2.8750-16 UN	3.110 (78.99)	2.459 (62.46)	2.857 (72.57)	2.982 (75.74)	.667 (16.94)	2.782 (70.66)	2.742 (69.65)	1.375 (34.93)

REQUIREMENTS:

- DESIGN AND CONSTRUCTION: ACCESSORIES SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 1. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ±.010 INCHES AND ±2°. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MM.
- MATERIAL: ADAPTER-ALUMINUM ALLOY IN ACCORDANCE WITH AS85049. O'RING-SILICONE IN ACCORDANCE WITH AS85049.
- FINISH:
 - A-BLACK ANODIZE
 - W-CADMIUM, OLIVE DRAB 1/
 - X-NICKEL FLUOROCARBON POLYMER
 - Y-PURE DENSE ELECTRODEPOSITED ALUMINUM
 - Z-ZINC NICKEL 1/

1/ W AND Z FINISHES ARE NOT FOR USE IN SPACE APPLICATIONS. ALSO SEE SPECIFICATION NOTES.
- PART NUMBER: SEE EXAMPLE BELOW.

