

REV.
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SAE AS85049/59

RATIONALE

THIS REVISION IS REQUIRED TO INCORPORATE THE OUTSTANDING AMENDMENT, REVIEW FOR KNOWN TECHNICAL ISSUES AND UPDATE TO MEET SAE FORMAT GUIDELINES.

NOTICE

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

FEDERAL SUPPLY CLASS
5935

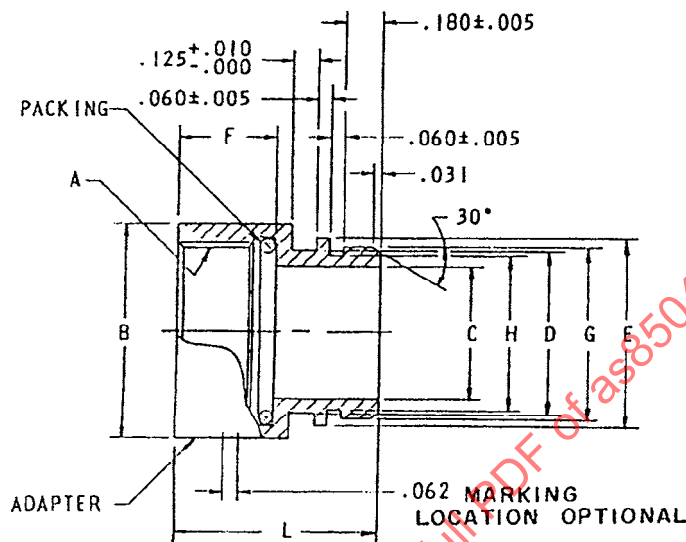


FIGURE 1 – CONFIGURATIONS AND DIMENSIONS

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85049/59A>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

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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)	1.047 (26.59)	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)

NOTES:

1. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING.
2. UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.010 INCHES AND ± 2 DEGREES
3. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY.

REQUIREMENTS:

DESIGN AND CONSTRUCTION:

DIMENSIONS AND CONFIGURATION: SEE FIGURE 1 AND TABLE 1.

MATERIAL: ADAPTER-ALUMINUM ALLOY IN ACCORDANCE WITH SAE AS85049. O'RING-SILICONE IN ACCORDANCE WITH SAE AS85049.

FINISH:

A-BLACK ANODIZE

1/ W-CADMIUM, OLIVE DRAB

X-NICKEL FLUOROCARBON POLYMER

Y-PURE DENSE ELECTRODEPOSITED ALUMINUM

1/ Z-ZINC NICKEL1/ W AND Z FINISH ARE NOT FOR USE IN SPACE APPLICATIONS. ALSO SEE SPECIFICATION NOTES.