

REV.
B

SAE AS85049/34

FEDERAL SUPPLY CLASS
5935

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 PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS85049.

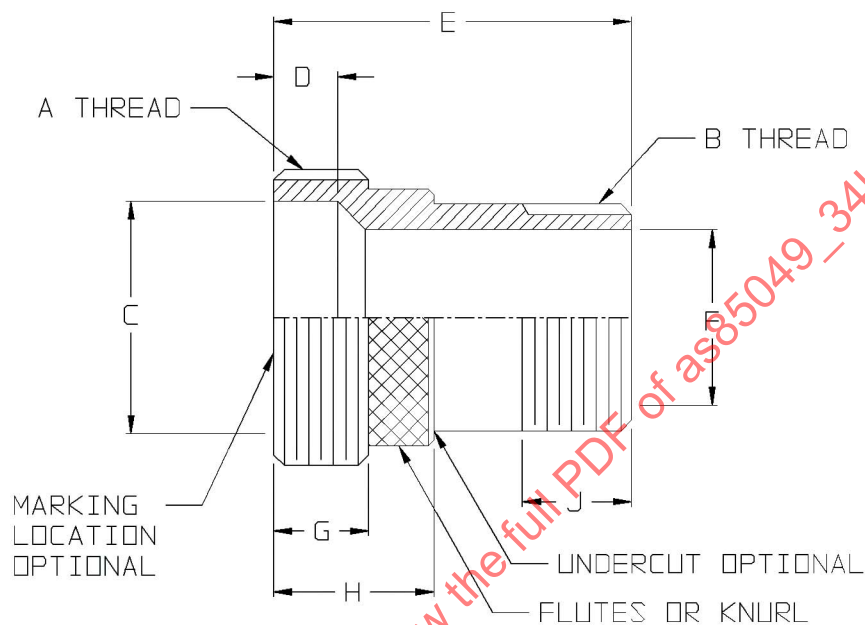
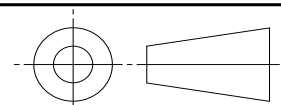


FIGURE 1 - CONFIGURATION AND DIMENSIONS

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85049/34B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, NON-ENVIRONMENTAL, THREADED ADAPTER, CATEGORY 3C (FOR MIL-DTL-26482 SERIES 1 JAM NUT RECEPTACLE CONNECTOR)

SAE AS85049/34
SHEET 1 OF 3

REV.
B

TABLE 1 - FIGURE 1 SHELL SIZE & DIMENSIONS

SHELL SIZE	A	B	C +.010 (0.25) -.011 (0.28) DIA	D ±.016 (0.41)	E MAX
	THREAD UNEF CLASS 2A				
8	.625-24	.4375-28	.500 (12.7)	.094 (2.4)	.812 (20.6)
10	.750-20	.5625-24	.609 (15.5)	.094 (2.4)	.812 (20.6)
12	.875-20	.6875-24	.734 (18.6)	.094 (2.4)	.812 (20.6)
14	1.000-20	.8125-20	.859 (21.8)	.094 (2.4)	.812 (20.6)
16	1.125-18	.9375-20	.969 (24.6)	.094 (2.4)	.812 (20.6)
18	1.250-18	1.0625-18	1.109 (28.2)	.094 (2.4)	.812 (20.6)
20	1.375-18	1.1875-18	1.219 (31.0)	.125 (3.2)	.906 (23.0)
22	1.500-18	1.3125-18	1.344 (34.1)	.125 (3.2)	.906 (23.0)
24	1.625-18	1.4375-18	1.469 (37.3)	.125 (3.2)	.937 (23.8)

TABLE 1 - FIGURE 1 SHELL SIZE & DIMENSIONS (CONTINUED)

SHELL SIZE	F +.005 (0.13) -.001 (0.03) DIA	G +.017 (0.43) -.000 (0.0)	H +.001 (0.03) -.016 (0.41)	J MIN FULL THREAD
8	.322 (8.2)	.256 (6.5)	.391 (9.9)	.250 (6.4)
10	.439 (11.2)	.256 (6.5)	.391 (9.9)	.250 (6.4)
12	.564 (14.3)	.256 (6.5)	.391 (9.9)	.250 (6.4)
14	.668 (17.0)	.256 (6.5)	.391 (9.9)	.250 (6.4)
16	.793 (20.1)	.256 (6.5)	.391 (9.9)	.250 (6.4)
18	.910 (23.1)	.256 (6.5)	.391 (9.9)	.250 (6.4)
20	1.025 (26.0)	.302 (7.7)	.422 (10.7)	.312 (7.9)
22	1.150 (29.2)	.302 (7.7)	.422 (10.7)	.312 (7.9)
24	1.275 (32.4)	.302 (7.7)	.422 (10.7)	.312 (7.9)

NOTES

1. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING.
2. METRIC EQUIVALENTS IN PARENTHESIS () ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1.00 in = 25.4 mm.

REQUIREMENTS

1. DESIGN AND CONSTRUCTION:

DIMENSIONS AND CONFIGURATION: SEE FIGURE 1 AND TABLE 1.

2. MATERIAL AND FINISH: SEE TABLE 2.

TABLE 2 - MATERIAL AND FINISH

FIGURE	MATERIAL	FINISH
1	ALUMINUM ALLOY IN ACCORDANCE WITH SAE AS85049	1/ W, X, Y, 1/ Z

1/ W AND Z FINISH NOT FOR USE IN SPACE APPLICATIONS. ALSO SEE APPLICATION NOTES.

3. QUALIFICATION:

SEE AS85049, CATEGORY 3C EXCEPT BENDING MOMENT IS NOT APPLICABLE.

 An SAE International Group	AEROSPACE STANDARD	SAE AS85049/34 SHEET 2 OF 3	REV. B
	(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, NON-ENVIRONMENTAL, THREADED ADAPTER, CATEGORY 3C (FOR MIL-DTL-26482 SERIES 1 JAM NUT RECEPTACLE CONNECTOR)		