

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO INCLUDE THE DASH NUMBER IN THE PART NUMBER EXAMPLE, IT WAS INADVERTENTLY OMITTED ON THE PREVIOUS REVISION.

AS85049/62C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

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

REV.
C

AS85049™/62

SAE Executive Standards Committee Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

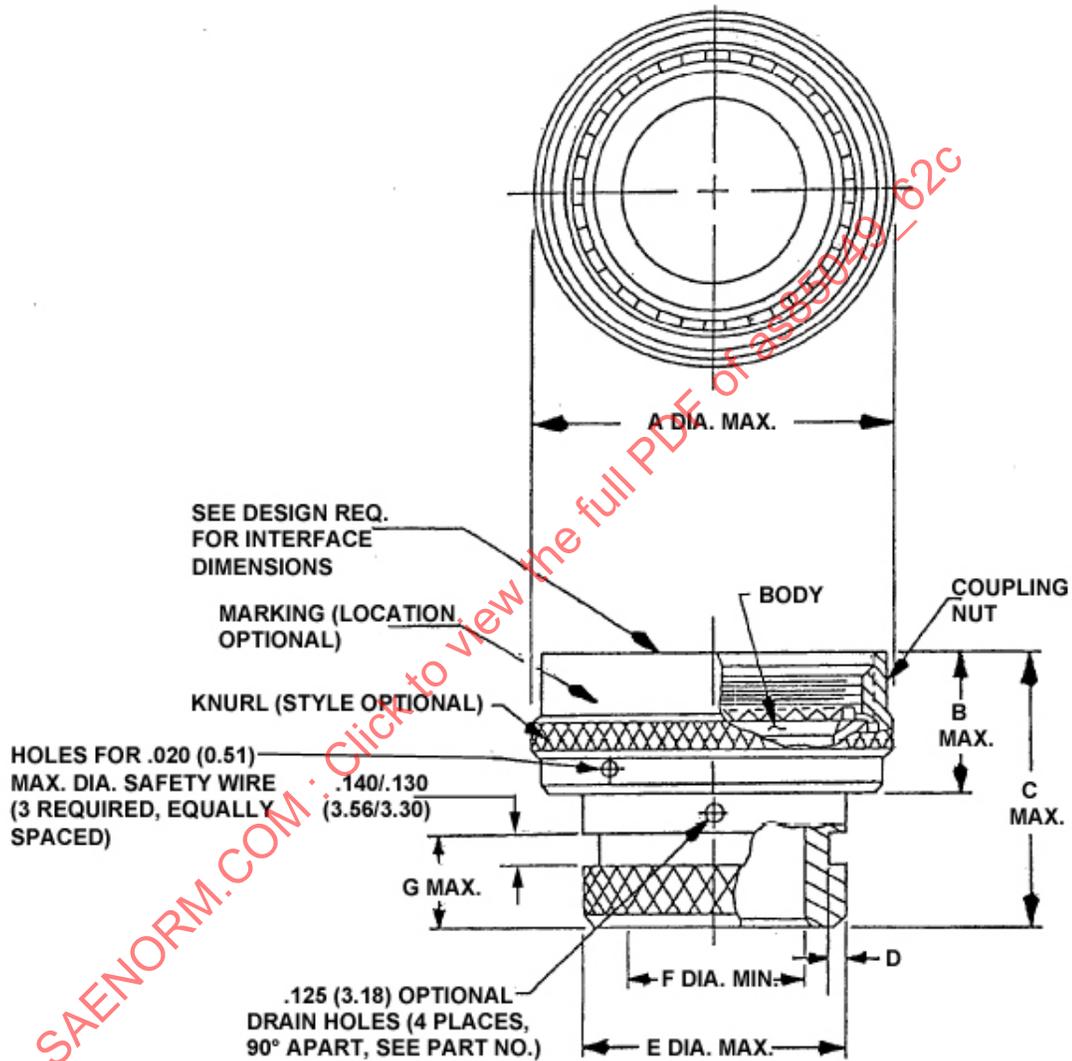
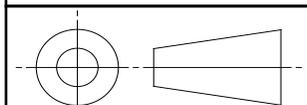


FIGURE 1 - ACCESSORY DIMENSIONS AND CONFIGURATION

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/62C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL
ADAPTER, SHRINK BOOT, CATEGORY 5
(FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)

AS85049™/62
SHEET 1 OF 3

REV.
C

TABLE 1 - ACCESSORY SHELL SIZE AND DIMENSIONS

DASH NUMBER	FITS CONNECTOR SHELL SIZE		A DIAMETER MAXIMUM	B MAXIMUM	C MAXIMUM	D + .008 (0.20) - .000	E DIAMETER MAXIMUM	F MINIMUM	G MAXIMUM
	SERIES II	SERIES I							
08	8	9	.75 (19.05)	.54 (13.72)	1.000 (25.40)	.044 (1.12)	.533 (13.54)	.250 (6.35)	.425 (10.80)
10	10	11	.85 (21.59)	.54 (13.72)	1.000 (25.40)	.044 (1.12)	.605 (15.37)	.375 (9.53)	.425 (10.80)
12	12	13	1.00 (25.40)	.54 (13.72)	1.000 (25.40)	.044 (1.12)	.774 (19.66)	.500 (12.70)	.425 (10.80)
14	14	15	1.10 (27.94)	.54 (13.72)	1.000 (25.40)	.044 (1.12)	.838 (21.29)	.625 (15.88)	.425 (10.80)
16	16	17	1.25 (31.75)	.54 (13.72)	1.000 (25.40)	.044 (1.12)	.963 (24.46)	.750 (19.05)	.425 (10.80)
18	18	19	1.40 (35.56)	.54 (13.72)	1.000 (25.40)	.044 (1.12)	1.042 (26.47)	.812 (20.62)	.425 (10.80)
20	20	21	1.50 (38.10)	.54 (13.72)	1.000 (25.40)	.069 (1.75)	1.217 (30.91)	.937 (23.80)	.425 (10.80)
22	22	23	1.65 (41.91)	.54 (13.72)	1.000 (25.40)	.069 (1.75)	1.355 (34.42)	1.062 (26.97)	.425 (10.80)
24	24	25	1.75 (44.45)	.54 (13.72)	1.000 (25.40)	.069 (1.75)	1.443 (36.65)	1.188 (30.18)	.425 (10.80)

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS85049.

1. DESIGN AND CONSTRUCTION:

ACCESSORIES SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 1. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING. METRIC EQUIVALENTS ARE IN PARENTHESES, ARE GIVEN FOR GENERAL INFORMATION ONLY, AND ARE BASED UPON 1 INCH = 25.4 MM.

INTERFACE DIMENSIONS SHALL BE IN ACCORDANCE WITH AS85049, FIGURE 2.

COMPLETE ACCESSORY CONSISTS OF A COUPLING NUT AND BODY. THE COUPLING NUT SHALL BE CAPTIVATED TO THE ADAPTER BODY AND SHALL BE FREE TO ROTATE. USE WITH AS85049/140 AND AS85049/141 SHRINKBOOTS.

2. MATERIAL AND FINISH: AS SPECIFIED IN TABLE 2 BELOW

TABLE 2 - MATERIAL AND FINISH

ADAPTER BODY AND COUPLING NUT	MATERIAL	FINISH
		ALUMINUM ALLOY IN ACCORDANCE WITH AS85049

- 1/ N FINISH NOT RECOMMENDED FOR USE IN APPLICATIONS THAT MAY BE SUSCEPTIBLE TO SALT WATER CORROSION.
- 2/ W AND Z FINISH NOT RECOMMENDED FOR USE IN APPLICATIONS THAT MAY BE SUSCEPTIBLE TO OUT GASSING (ALSO SEE SPECIFICATION NOTES).
- 3/ A FINISH IS NOT RECOMMENDED FOR NEW DESIGN.

3. PART NUMBER: SEE EXAMPLE BELOW:

