

REV.
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SAE AS85049/62

RATIONALE

FEDERAL SUPPLY CLASS
5935

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 AND THE LATEST ISSUE OF SAE AS85049.

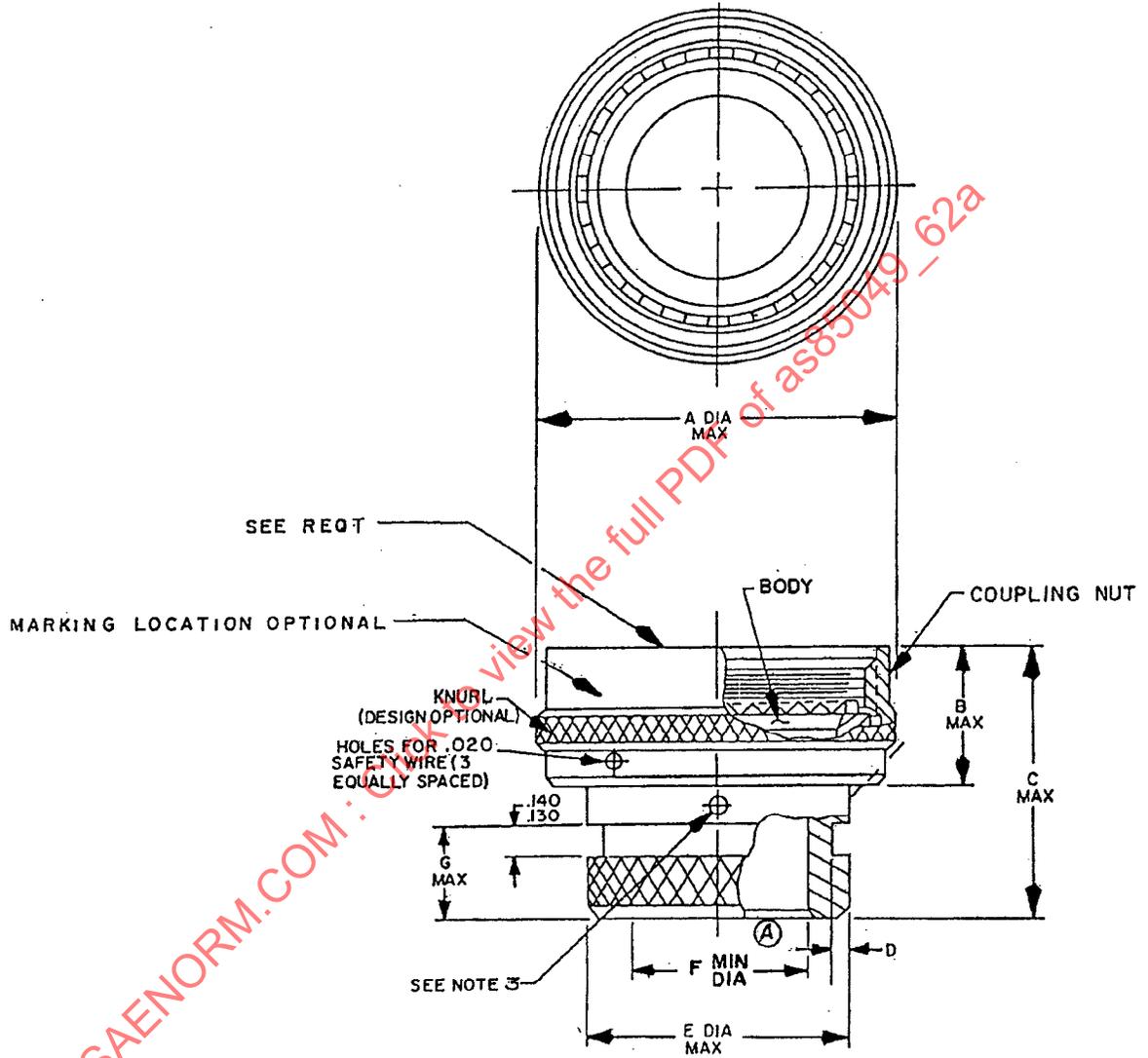
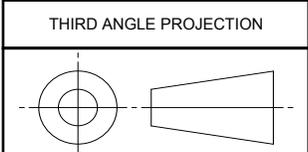


FIGURE 1 - DIMENSIONS AND CONFIGURATION

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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-38999 SERIES I AND II CONNECTORS)

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ISSUED 2000-05 REAFFIRMED 2006-01 REVISED 2011-03

TABLE 1 - SHELL SIZE AND DIMENSIONS

DASH NUMBER	FITS CONNECTOR SHELL SIZE		A DIAMETER MAXIMUM	B MAXIMUM	C MAXIMUM	D + .008 - .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)

NOTES:

- DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING.
- METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY.
- DRAIN HOLES WITH .12 DIAMETER, (3.0 MM) 4 PLACES, 90 DEGREES APART (OPTIONAL SEE PART NUMBER).

REQUIREMENTS:

DESIGN AND CONSTRUCTION:

DIMENSIONS AND CONFIGURATION: SEE FIGURE 1 AND TABLE 1.

ACCESSORY INTERFACE DIMENSIONS SHALL CONFORM TO MIL-DTL-38999, SERIES I AND II.

COMPLETE ACCESSORY CONSISTS OF A COUPLING NUT AND BODY. THE COUPLING NUT SHALL BE CAPTIVATED TO, AND FREE TO ROTATE ON THE BODY.

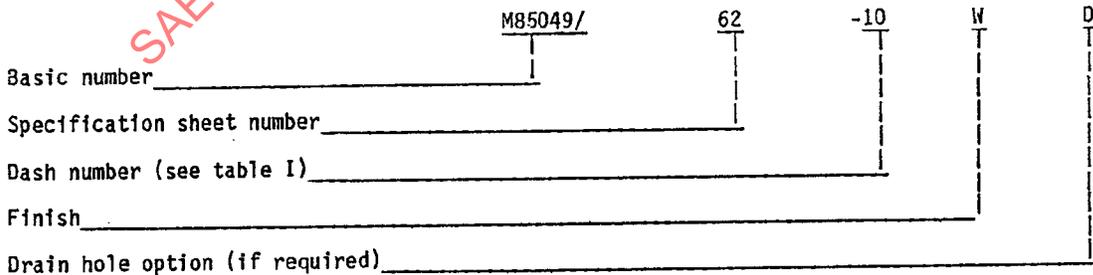
MATERIAL: ALUMINUM ALLOY IN ACCORDANCE WITH SAE AS85049.

FINISH: IN ACCORDANCE WITH SAE AS85049.

- 3/ A-BLACK ANODIZE
- 1/ N-ELECTROLESS NICKEL
- 2/ W-CADMIUM, OLIVE DRAB
- X-NICKEL FLUOROCARBON POLYMER
- Y-PURE DENSE ELECTRODEPOSITED ALUMINUM
- 2/ Z-ZINC NICKEL

- 1/ N FINISH NOT FOR NAVY USE, RESTRICTED TO AIR FORCE SPACE APPLICATIONS ONLY.
- 2/ W AND Z FINISH ARE NOT FOR USE IN SPACE APPLICATIONS. ALSO SEE SPECIFICATION NOTES.
- 3/ A FINISH INACTIVE FOR NEW DESIGN.

PART NUMBER: SEE EXAMPLE BELOW.



QUALIFICATION: SEE SAE AS85049, CATEGORY 5.

	AEROSPACE STANDARD (R) CONNECTOR ACCESSORIES, ELECTRICAL ADAPTER, SHRINK BOOT, CATEGORY 5 (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)	SAE AS85049/62 SHEET 2 OF 3	REV. A
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