

REV.  
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AS85049/20

FEDERAL SUPPLY CLASS  
5935

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

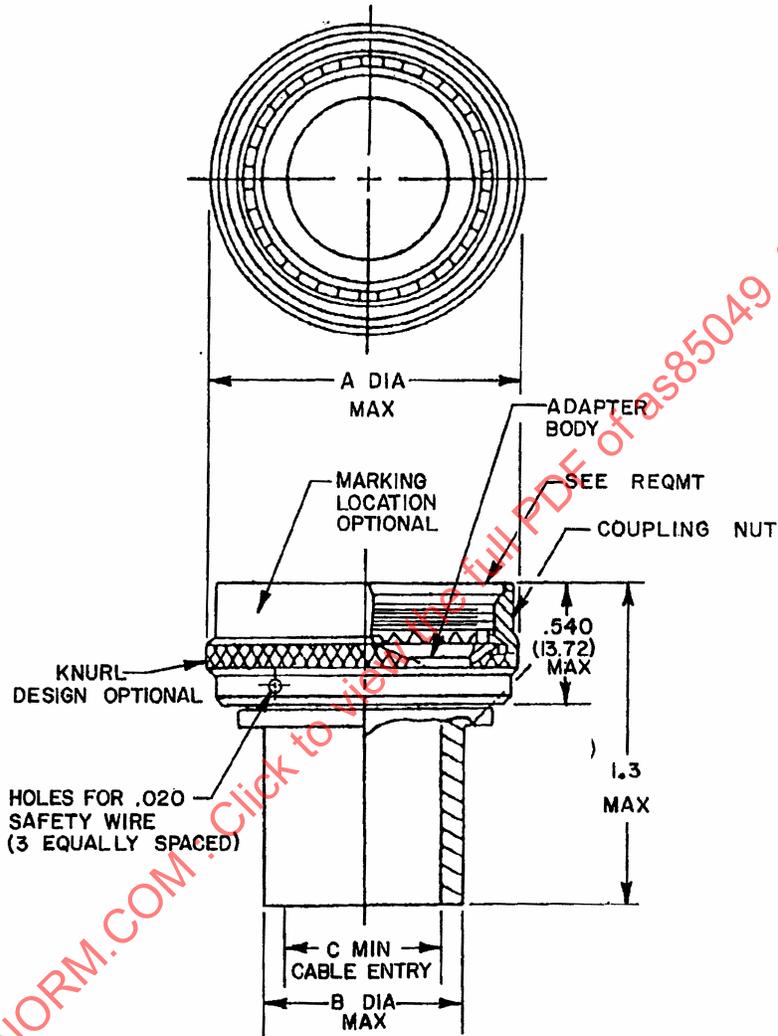
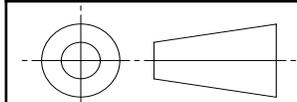


FIGURE 1 - CONFIGURATION AND DIMENSIONS

THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

CONNECTOR ACCESSORIES, ELECTRICAL,  
BACKSHELL, STRAIGHT, RFI/EMI CATEGORY 3B  
(FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)

**AS85049/20**  
SHEET 1 OF 3

**REV.  
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REVISED 2004-10

ISSUED 2000-04

SHELL SIZE	A DIA MAX	B DIA MAX	C MIN CABLE ENTRY	AS85049/26-2 RING, SHIELD CRIMP (REF)
9	.75 (19.1)	.347 (8.81)	.265 (6.73)	-8
11	.85 (21.6)	.498 (12.65)	.343 (8.71)	-10
13	1.00 (25.4)	.510 (12.95)	.437 (11.10)	-12
15	1.10 (27.9)	.630 (16.00)	.562 (14.27)	-14
17	1.25 (31.8)	.760 (19.30)	.687 (17.45)	-16
19	1.40 (35.6)	.890 (22.61)	.812 (20.62)	-18
21	1.50 (38.1)	1.010 (25.65)	.937 (23.80)	-20
23	1.65 (41.9)	1.130 (28.70)	1.046 (26.57)	-22
25	1.75 (44.5)	1.202 (30.53)	1.125 (28.58)	-24

## NOTES:

1. DIMENSIONS ARE IN INCHES.
2. DIMENSIONS APPLY AFTER PLATING.
3. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1.00 INCH = 25.4 MM.
4. METRIC EQUIVALENTS ARE IN PARENTHESES.
5. CRIMP TOOL SHALL BE THOMAS & BETTS INSTALLING HEAD CAT. NO. 13640 OR EQUIVALENT AND INSTALLING DIES.

FIGURE 1 - CONFIGURATIONS AND DIMENSIONS - CONTINUED