

REV. B

SAE AS85049/46

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 AND THE LATEST ISSUE OF AS85049. SEE APPLICATION NOTE 1.

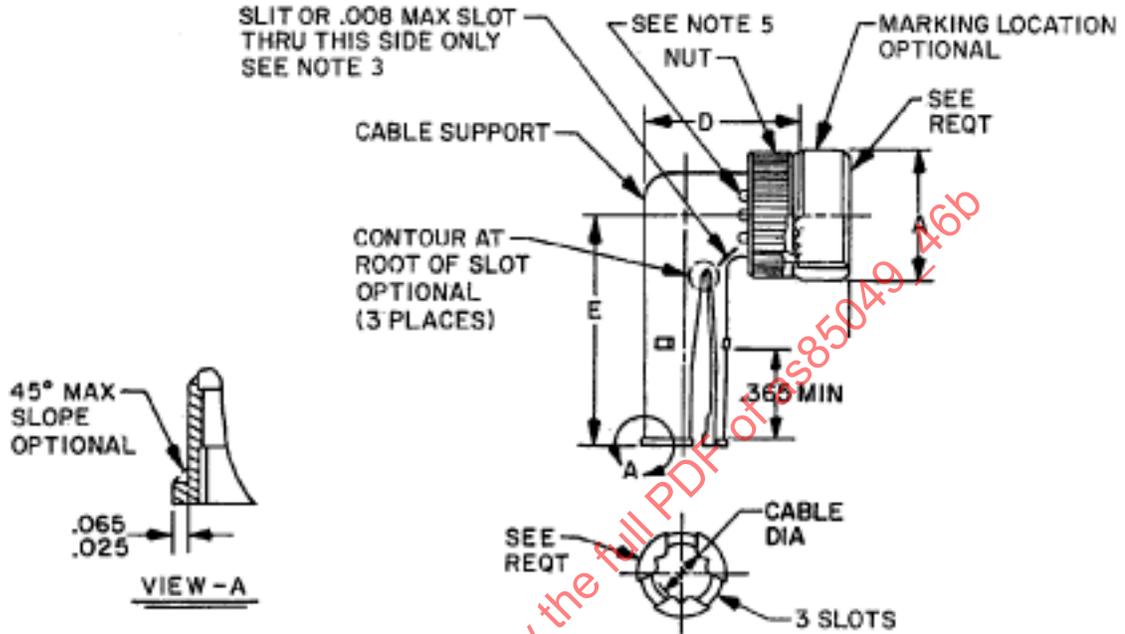
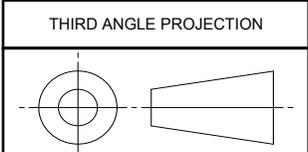


FIGURE 1 - CONFIGURATIONS AND DIMENSIONS

TABLE 1 - DIMENSIONS

DASH NUMBER	SHELL SIZE		A MAX	D MAX	E MAX	CABLE DIAMETER (REF)	
	SERIES II	SERIES I				MIN	MAX
8	8	9	.578 (14.68)	.656 (16.66)	1.015 (25.78)	.094 (2.39)	.203 (5.16)
10	10	11	.703 (17.86)	.688 (17.48)	1.062 (26.97)	.141 (3.58)	.250 (6.35)
12	12	13	.828 (21.03)	.750 (19.05)	1.125 (28.58)	.172 (4.37)	.323 (8.20)
14	14	15	.953 (24.21)	.859 (21.82)	1.328 (33.73)	.203 (5.16)	.422 (10.72)
16	16	17	1.078 (27.38)	.937 (23.80)	1.392 (35.36)	.234 (5.94)	.500 (12.70)
18	18	19	1.203 (30.56)	1.000 (25.40)	1.453 (36.91)	.265 (6.73)	.562 (14.27)
20	20	21	1.328 (33.73)	1.062 (26.97)	1.609 (40.87)	.297 (7.54)	.625 (15.88)
22	22	23	1.453 (36.91)	1.141 (28.98)	1.656 (42.06)	.328 (8.33)	.703 (17.86)
24	24	25	1.578 (40.08)	1.203 (30.56)	1.719 (43.66)	.359 (9.12)	.765 (19.43)

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85049/46B>



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049

**SAE Aerospace**  
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**AEROSPACE STANDARD**

(R) CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, 90°, NONMETALLIC, CATEGORY 4C (FOR MIL-DTL-27599 SERIES I AND MIL-DTL-38999 SERIES I AND II CONNECTORS)

**SAE AS85049/46**  
SHEET 1 OF 3

**REV. B**

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