

REV.
A

AS85049™/75

FEDERAL SUPPLY CLASS
5935

RATIONALE

AS85049/74A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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

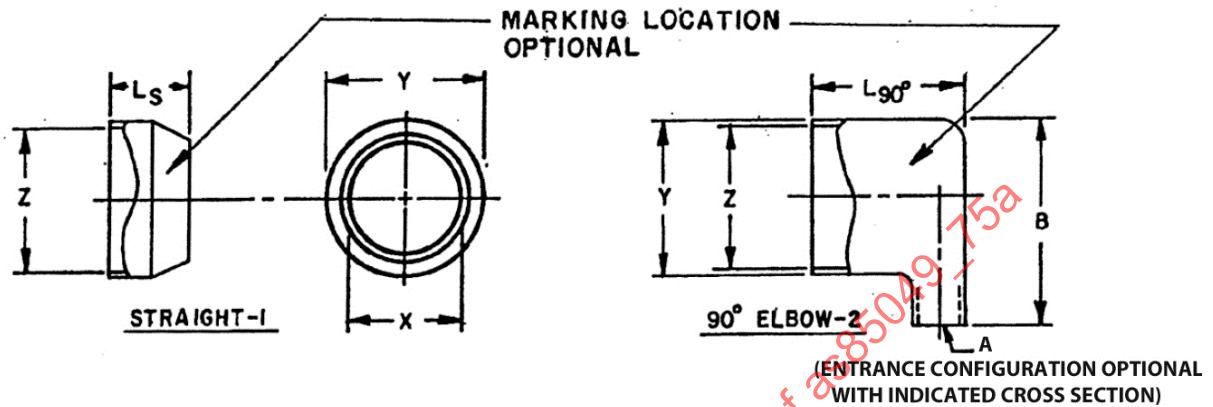


FIGURE 1 – DIMENSIONS AND CONFIGURATION

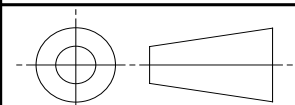
TABLE 1 – CONNECTOR ACCESSORY DIMENSIONS

SHELL SIZE	A-MIN. CROSS SECTION AREA (IN ²)	B MAX.	Ls		L 90° MAX.	X MIN. I.D.	Y MAX. O.D.	Z +.000/-.010 DIA.
			MIN.	MAX.				
8	.110 (2.79)	1.000 (25.4)	.450 (11.43)	.500 (12.70)	.766 (19.46)	.317 (8.05)	.608 (15.44)	.516 (13.11)
10	.200 (5.08)	1.125 (28.58)			.922 (23.42)	.434 (11.02)	.734 (18.64)	.642 (16.31)
12	.290 (7.37)				1.031 (26.19)	.548 (13.92)	.858 (21.79)	.766 (19.46)
14	.400 (10.16)	1.297 (32.94)			1.016 (25.81)	.673 (17.09)	.984 (24.99)	.892 (22.66)
16	.490 (12.45)	1.375 (34.93)				.798 (20.27)	1.110 (28.19)	1.018 (25.86)
18	.590 (14.99)	1.469 (37.31)			1.078 (27.38)	.899 (22.83)	1.234 (31.34)	1.142 (29.01)
20	.730 (18.54)	1.625 (41.28)	.550 (13.97)	.594 (15.09)	1.094 (27.79)	1.024 (26.01)	1.360 (34.54)	1.268 (32.21)
22	.860 (21.84)	1.703 (43.26)				1.149 (29.18)	1.484 (37.69)	1.392 (35.36)
24	1.070 (27.18)	2.047 (51.99)			1.281 (32.54)	1.274 (32.36)	1.610 (40.89)	1.518 (38.56)
28	N/A	N/A			N/A	1.399 (35.53)	1.734 (44.04)	1.642 (41.71)

For more information on this standard, visit

<https://www.sae.org/standards/content/AS85049/75A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL,
POTTING BOOT, CATEGORY 7
(FOR USE WITH AS85049/58 POTTING BOOT RING)

AS85049™/75
SHEET 1 OF 2

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