

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.

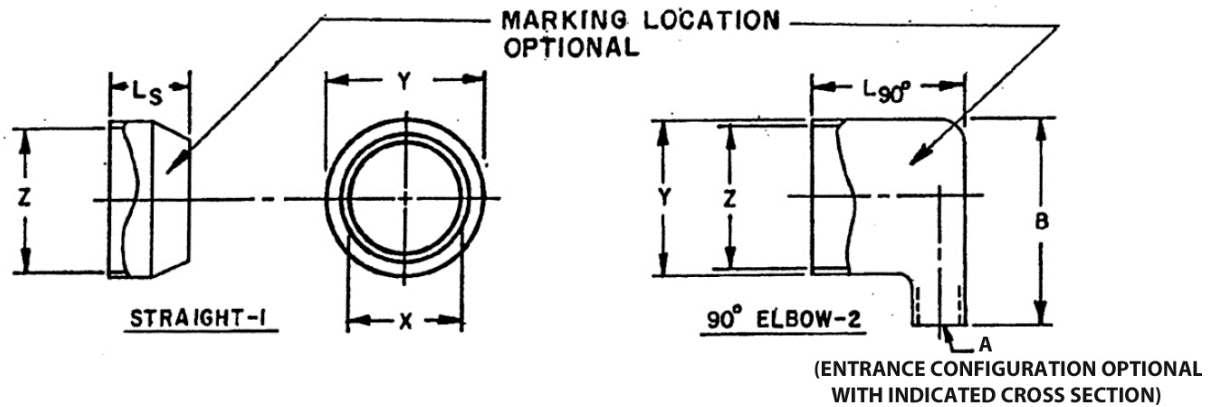


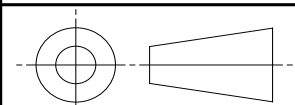
FIGURE 1 – DIMENSIONS AND CONFIGURATION

TABLE 1 – CONNECTOR ACCESSORY DIMENSIONS

SHELL SIZE	A-MIN. CROSS SECTION AREA (IN²)	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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Documents

TABLE 1 – CONNECTOR ACCESSORY DIMENSIONS

SHELL SIZE	A-MIN. CROSS SECTION AREA (IN ²)	B MAX.	Ls	L 90° MAX.	X MIN. I.D.	Z +.000/-.010 DIA.
			MAXIMUM			
8	.073 (1.85)	.766 (19.46)	.297	.438 (11.13)	.434 (11.02)	.532 (13.51)
10	.117 (2.97)	.891 (22.63)		.469 (11.91)	.548 (13.92)	.657 (16.69)
12	.206 (5.23)	1.031 (26.19)		.562 (14.27)	.673 (17.09)	.781 (19.84)
14	.384 (9.75)	1.156 (29.36)		.719 (18.26)	.798 (20.27)	.903 (22.94)
16	.443 (11.25)	1.287 (32.69)		.781 (19.84)	.899 (22.83)	1.021 (25.93)
18	.561 (14.25)	1.406 (35.71)		.844 (21.44)	1.024 (26.01)	1.145 (29.08)
20	.693 (17.60)	1.531 (38.89)		.906 (23.01)	1.149 (29.18)	1.270 (32.26)
22	.840 (21.34)	1.656 (42.06)		.938 (23.83)	1.274 (32.36)	1.395 (35.43)
24	.999 (25.37)	1.781 (45.24)		1.031 (26.19)	1.399 (35.53)	1.520 (38.61)

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

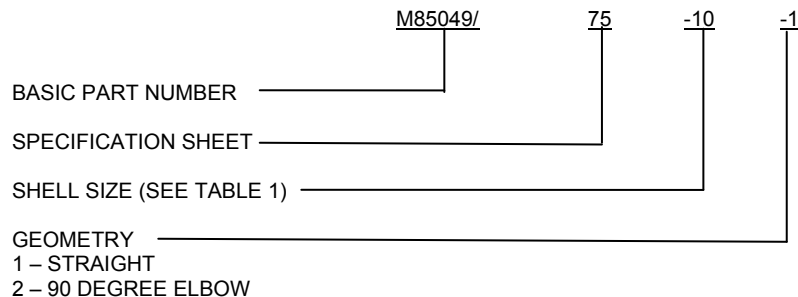
1. DESIGN:

CONNECTOR ACCESSORIES SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 1. DIMENSIONS ARE IN INCHES.

2. MATERIAL:

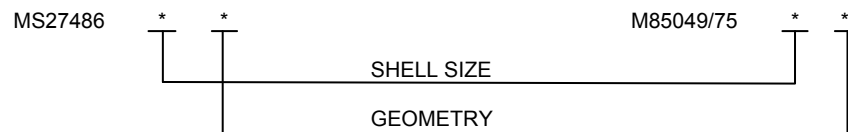
MATERIAL SHALL BE TRANSLUCENT NYLON.

3. PART NUMBER: SEE EXAMPLE BELOW:



QUALIFICATION: IN ACCORDANCE WITH AS85049, CATEGORY 7.

SUPERSESION DATA:



SPECIFICATION NOTES:

A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	AEROSPACE STANDARD	AS85049™/75 SHEET 2 OF 2	REV. A 
	(R) CONNECTOR ACCESSORIES, ELECTRICAL, POTTING BOOT, CATEGORY 7 (FOR USE WITH AS85049/58 POTTING BOOT RING)		



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