

REV. A

AS85049/16

FEDERAL SUPPLY CLASS
5935

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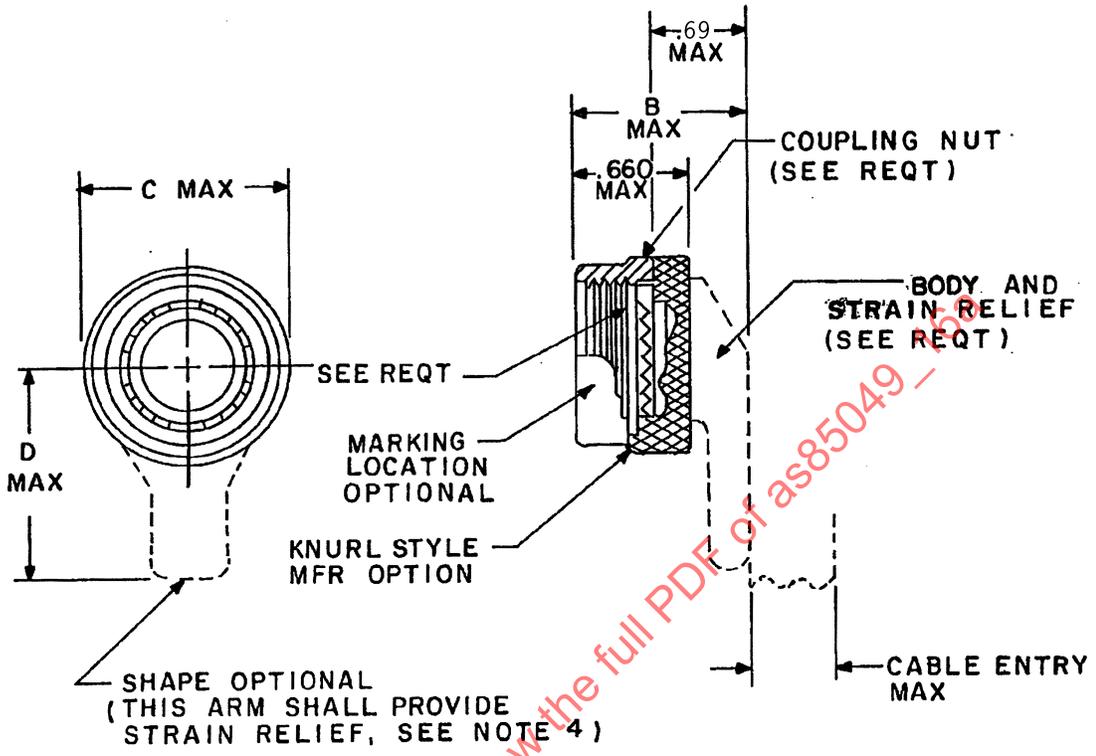
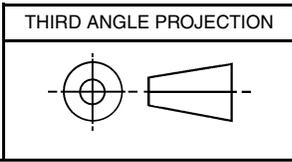


FIGURE 1 - DIMENSIONS AND CONFIGURATIONS
NON-SELF-LOCKING AND SELF-LOCKING

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CUSTODIAN: SAE AE-8/AE-8C1

	AEROSPACE STANDARD		AS85049/16 SHEET 1 OF 4	REV. A
	(R) CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, 90°, NON-SELF-LOCKING AND SELF-LOCKING, CATEGORY 4C (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)			

ISSUED 2000-04 REVISED 2003-06 REAFFIRMED 2009-06

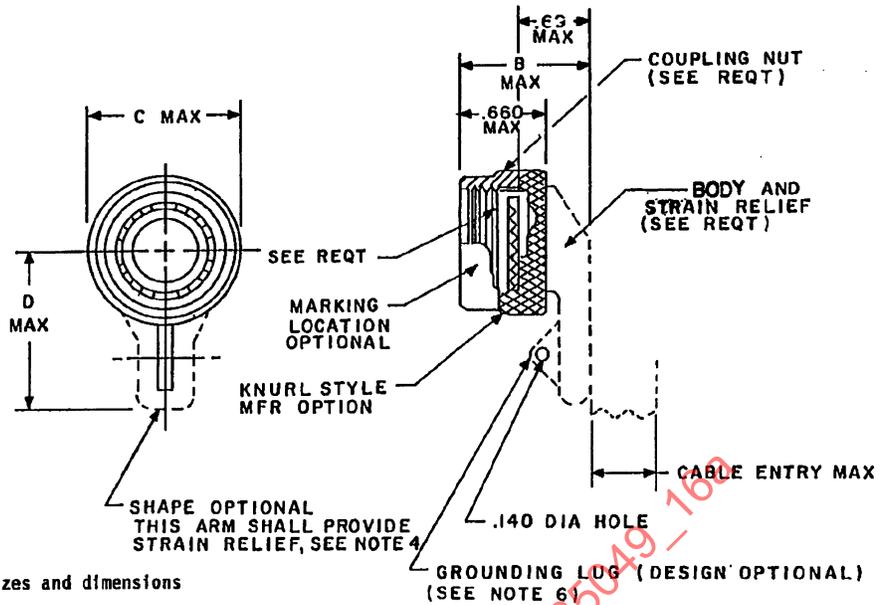
Shell sizes and dimensions

Connector shell size	Shell size code (ref)	B max	C dia max	D max	Cable entry max
9	A	.99 (25.1)	.858 (21.79)	1.22 (31.0)	.264 (6.71)
11	B	.99 (25.1)	.984 (24.99)	1.29 (32.8)	.392 (9.96)
13	C	.99 (25.1)	1.157 (29.39)	1.62 (41.1)	.506 (12.85)
15	D	.99 (25.1)	1.279 (32.49)	1.66 (42.2)	.631 (16.03)
17	E	.99 (25.1)	1.406 (35.71)	1.72 (43.7)	.756 (19.20)
19	F	.99 (25.1)	1.516 (38.51)	1.72 (43.7)	.845 (21.46)
21	G	.99 (25.1)	1.642 (41.71)	1.79 (45.5)	.970 (24.64)
23	H	.99 (25.1)	1.768 (44.91)	1.85 (47.0)	1.095 (27.81)
25	J	.99 (25.1)	1.889 (47.98)	1.91 (48.5)	1.220 (30.99)

NOTES:

- Dimensions are in inches.
- Tolerances shall be: .xx = ± 0.03 and .xxx = ± 0.015 angular tolerances $x = \pm 2$.
- Metric equivalents are in parentheses and are given for general information only.
- Strain relief unit is used with MS3367-1-X plastic strap, MIL-T-713 lacing twine or AA-52080-AA-52084 lacing tape or equivalent, not supplied with the backshell.
- This accessory will not accommodate connectors using 8, 4 and 0 contacts.
- Not for Navy use. Not for New Design for Air Force.

FIGURE 1 - DIMENSIONS AND CONFIGURATIONS
NON-SELF-LOCKING AND SELF-LOCKING - CONTINUED



Shell sizes and dimensions

Connector shell size	Shell size code (ref)	B max	C dia max	D max	Cable entry max
9	A	.99 (25.1)	.858 (21.79)	1.22 (31.0)	.264 (6.71)
11	B	.99 (25.1)	.984 (24.99)	1.29 (32.8)	.392 (9.96)
13	C	.99 (25.1)	1.157 (29.39)	1.62 (41.1)	.506 (12.85)
15	D	.99 (25.1)	1.279 (32.49)	1.66 (42.2)	.631 (16.03)
17	E	.99 (25.1)	1.406 (35.71)	1.72 (43.7)	.756 (19.20)
19	F	.99 (25.1)	1.516 (38.51)	1.72 (43.7)	.845 (21.46)
21	G	.99 (25.1)	1.642 (41.71)	1.79 (45.5)	.970 (24.64)
23	H	.99 (25.1)	1.768 (44.91)	1.85 (47.0)	1.095 (27.81)
25	J	.99 (25.1)	1.889 (47.98)	1.91 (48.5)	1.220 (30.99)

NOTES:

- Dimensions are in inches.
- Tolerances shall be: .xx = ±.03 and .xxx = ±.015 angular tolerances x = ±2.
- Metric equivalents are in parentheses and are given for general information only.
- Strain relief unit is used with MS3367-1-X plastic strap, MIL-T-713 lacing twine or MIL-T-43435 lacing tape or equivalent, not supplied with the backshell.
- This accessory will not accommodate connectors using 8, 4 and 0 contacts.
- Not for Navy use, not for new design for Air Force.

FIGURE 2 - DIMENSIONS AND CONFIGURATIONS (WITH GROUNDING LUG)
NON-SELF-LOCKING AND SELF-LOCKING