FEDERAL SUPPLY CLASS
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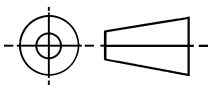

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PREPARED BY SAE SUBCOMMITTEE AE-8C1

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AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, 90°, SELF-LOCKING, CATEGORY 4C (FOR MIL-C-38999 SERIES III AND IV CONNECTORS)

AS85049/16
SHEET 1 OF 5

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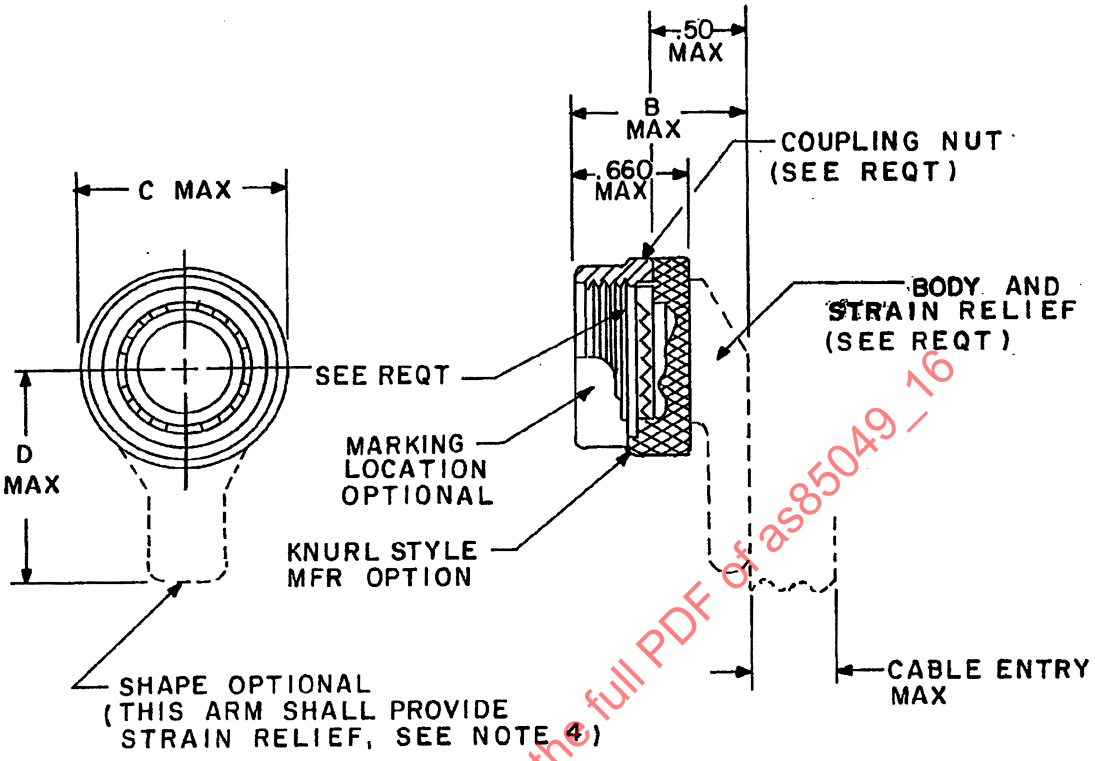


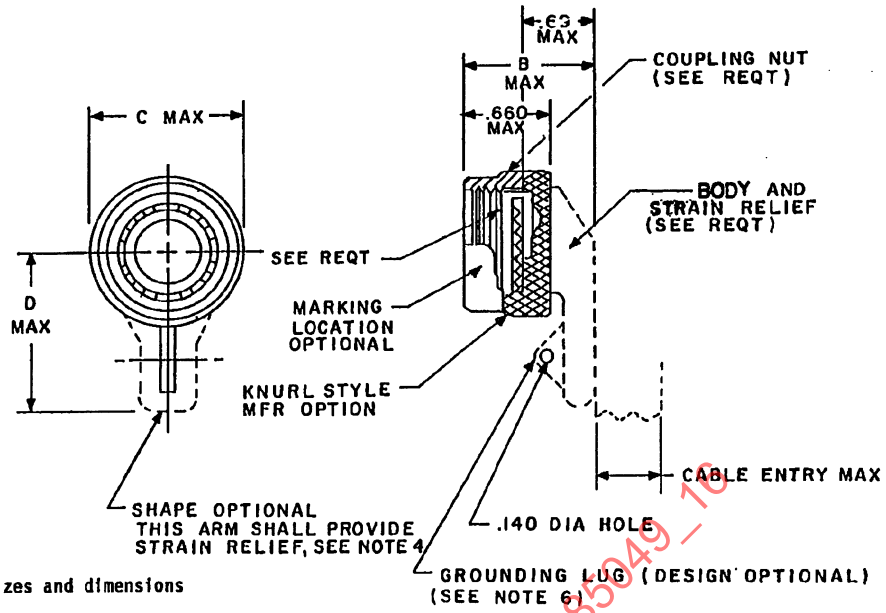
FIGURE 1. DIMENSIONS AND CONFIGURATIONS.

Shell sizes and dimensions

Connector shell size	Shell size code (ref)	B max	C dia max	D max	Cable entry max
9	A	.79 (20.1)	.858 (21.79)	1.22 (31.0)	.264 (6.71)
11	B	.79 (20.1)	.984 (24.99)	1.29 (32.8)	.392 (9.96)
13	C	.79 (20.1)	1.157 (29.39)	1.62 (41.1)	.506 (12.85)
15	D	.79 (20.1)	1.279 (32.49)	1.66 (42.2)	.631 (16.03)
17	E	.79 (20.1)	1.406 (35.71)	1.72 (43.7)	.756 (19.20)
19	F	.79 (20.1)	1.516 (38.51)	1.72 (43.7)	.845 (21.46)
21	G	.79 (20.1)	1.642 (41.71)	1.79 (45.5)	.970 (24.64)
23	H	.79 (20.1)	1.768 (44.91)	1.85 (47.0)	1.095 (27.81)
25	J	.79 (20.1)	1.889 (47.98)	1.91 (48.5)	1.220 (30.99)

NOTES:
1. Dimensions are in inches.
2. Tolerances shall be: .xx = ±.03 and .xxx = ±.015 angular tolerances x = ±2.
3. Metric equivalents are in parentheses and are given for general information only.
4. 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.
5. This accessory will not accommodate connectors using 8, 4 and 0 contacts.

FIGURE 1. DIMENSIONS AND CONFIGURATIONS - 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:
1. Dimensions are in inches.
2. Tolerances shall be: .xx = ±.03 and .xxx = ±.015 angular tolerances x = ±2.
3. Metric equivalents are in parentheses and are given for general information only.
4. 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.
5. This accessory will not accommodate connectors using 8, 4 and 0 contacts.
6. Not for Navy use, not for new design for Air Force.

FIGURE 2. DIMENSIONS AND CONFIGURATIONS (WITH GROUNDING LUG).