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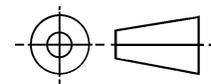
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THIRD ANGLE PROJECTION



ISSUED 2000-04

PREPARED BY SAE SUBCOMMITTEE AE-8C1



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, 45°, SELF-LOCKING, CATEGORY 4C (FOR MIL-C-38999 SERIES III AND IV CONNECTORS)

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SHEET 1 OF 5

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THE REQUIREMENTS FOR ACQUIRING THE ACCESSORIES DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF MIL-C-85049.

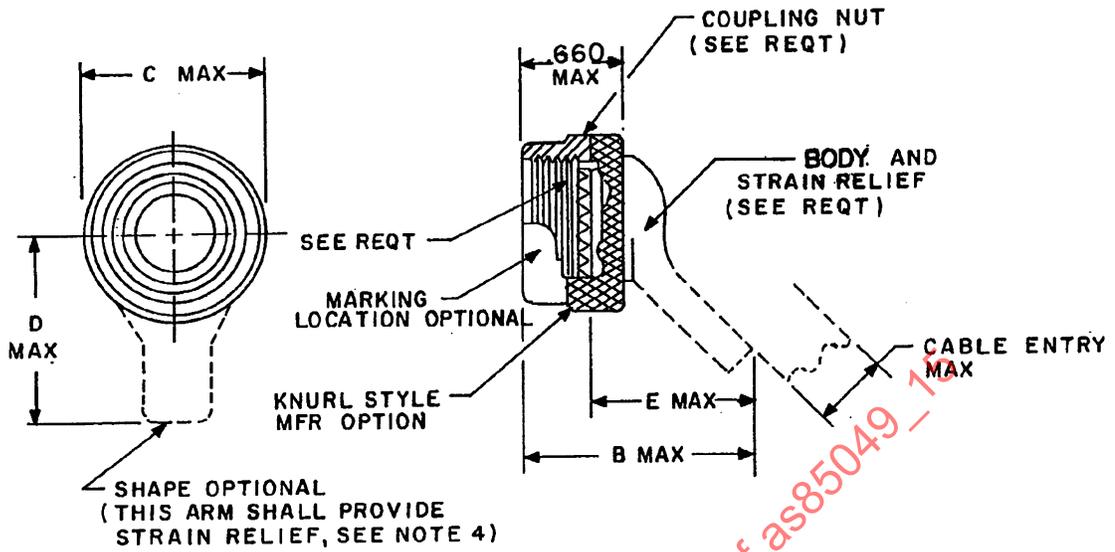


FIGURE 1. DIMENSIONS AND CONFIGURATIONS.

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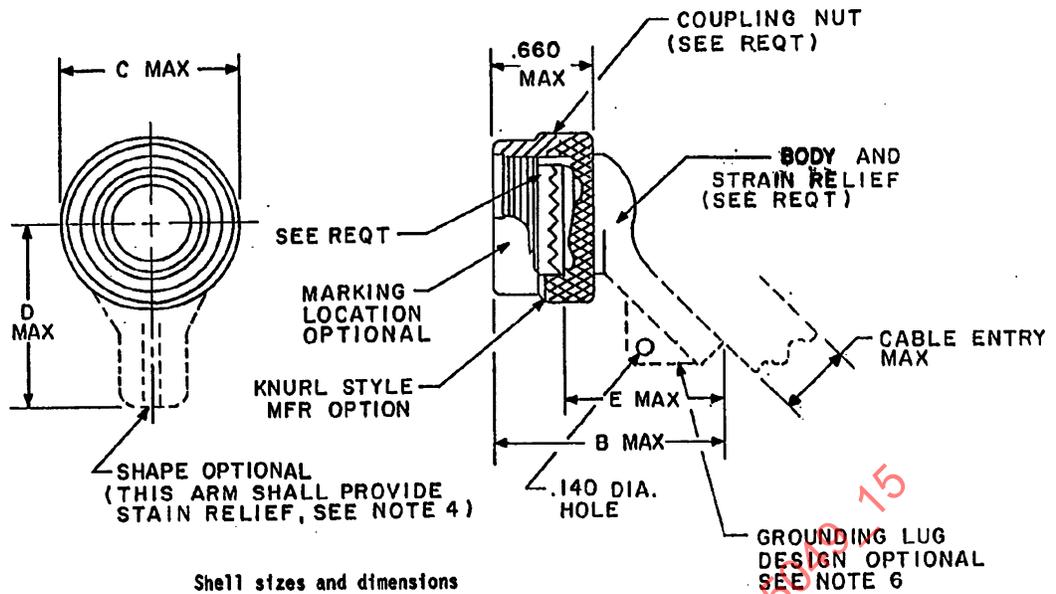
Shell sizes and dimensions

Connector shell size	Shell size code (ref)	B max	C dia max	D max	E max	Cable entry max
9	A	1.43 (36.3)	.858 (21.79)	.88 (22.4)	1.03 (26.2)	.264 (6.71)
11	B	1.43 (36.3)	.984 (24.99)	.88 (22.4)	1.03 (26.2)	.392 (9.96)
13	C	1.43 (36.3)	1.157 (29.39)	.94 (23.9)	1.03 (26.2)	.506 (12.85)
15	D	1.93 (49.0)	1.279 (32.49)	1.25 (31.8)	1.09 (27.7)	.631 (16.03)
17	E	1.93 (49.0)	1.406 (35.71)	1.31 (33.3)	1.11 (28.2)	.756 (19.20)
19	F	2.03 (51.6)	1.516 (38.51)	1.38 (35.1)	1.21 (30.7)	.845 (21.46)
21	G	2.09 (53.1)	1.642 (41.71)	1.50 (38.1)	1.26 (32.0)	.970 (24.64)
23	H	2.09 (53.1)	1.768 (44.91)	1.69 (42.9)	1.30 (33.0)	1.095 (27.81)
25	J	2.24 (56.9)	1.889 (47.98)	1.75 (44.5)	1.34 (34.0)	1.220 (30.99)

NOTES:

1. Dimensions are in inches.
2. Tolerances shall be: .xx = ± 0.03 and .xxx = ± 0.015 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	E max	Cable entry max
9	A	1.43 (36.3)	.858 (21.79)	.88 (22.4)	1.21 (30.7)	.264 (6.71)
11	B	1.43 (36.3)	.984 (24.99)	.88 (22.4)	1.21 (30.7)	.392 (9.96)
13	C	1.43 (36.3)	1.157 (29.39)	.94 (23.9)	1.39 (35.3)	.506 (12.85)
15	D	1.93 (49.0)	1.279 (32.49)	1.25 (31.8)	1.39 (35.3)	.631 (16.03)
17	E	1.93 (49.0)	1.406 (35.71)	1.31 (33.3)	1.39 (35.3)	.756 (19.20)
19	F	2.03 (51.6)	1.516 (38.51)	1.38 (35.1)	1.39 (35.3)	.845 (21.46)
21	G	2.09 (53.1)	1.642 (41.71)	1.50 (38.1)	1.39 (35.3)	.970 (24.64)
23	H	2.09 (53.1)	1.768 (44.91)	1.69 (42.9)	1.39 (35.3)	1.095 (27.81)
25	J	2.24 (56.9)	1.889 (47.98)	1.75 (44.5)	1.39 (35.3)	1.220 (30.99)

NOTES:

1. Dimensions are in inches.
2. Tolerances shall be: .xx = $\pm .03$ and .xxx = $\pm .015$ 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).