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AS85049/38

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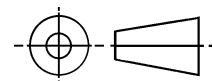
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AEROSPACE STANDARD

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

AS85049/38
SHEET 1 OF 7

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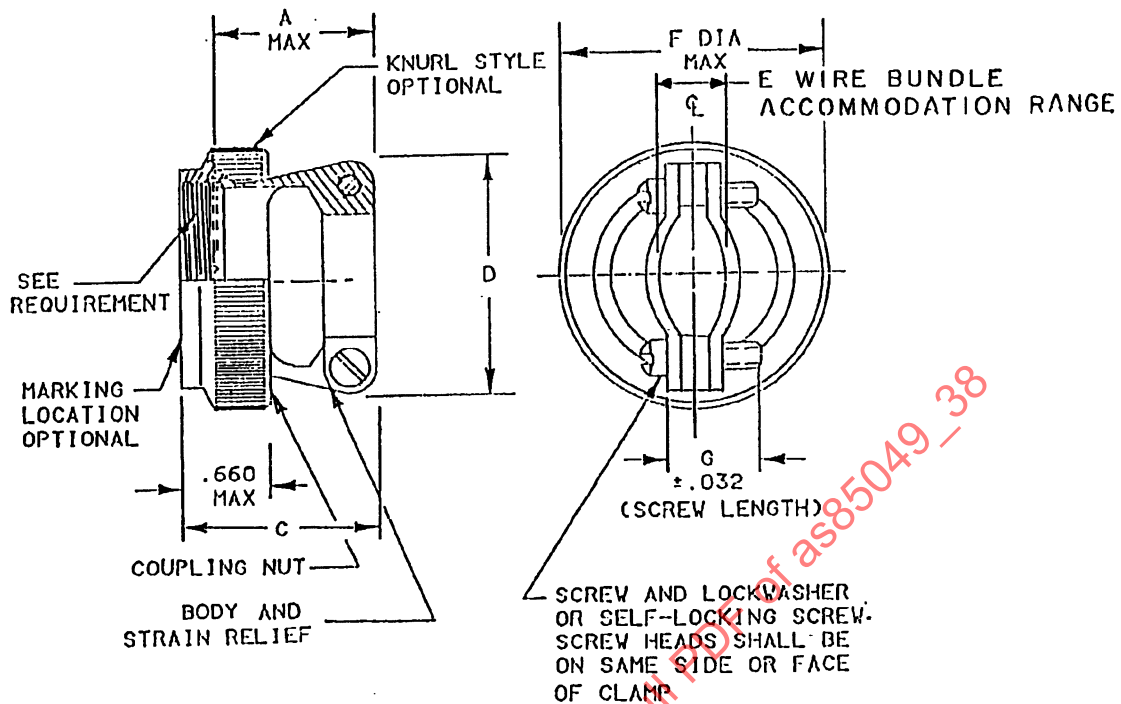


FIGURE 1. DIMENSION AND CONFIGURATION (SELF-LOCKING ONLY).

Shell sizes and dimensions

Connector shell size	Shell size code (REF)	C max overall length	D max	E wire bundle accommodation range		F max dia	G screw length	Screw threads	A max
				Min	Max				
9	A	1.10 (27.9)	.85 (21.6)	.098 (2.49)	.234 (5.94)	.858 (21.79)	.500 (12.70)	6-32	.91 (23.1)
11	B	1.10 (27.9)	.90 (22.9)	.153 (3.87)	.234 (5.94)	.984 (24.99)	.500 (12.70)	6-32	.91 (23.1)
13	C	1.20 (30.5)	1.10 (27.9)	.190 (4.83)	.328 (8.33)	1.157 (29.39)	.625 (15.88)	6-32	1.01 (25.70)
15	D	1.25 (31.8)	1.15 (29.2)	.260 (6.60)	.457 (11.61)	1.279 (32.49)	.750 (19.05)	6-32	1.06 (26.9)
17	E	1.35 (34.3)	1.30 (33.0)	.283 (7.19)	.614 (15.60)	1.406 (35.71)	.750 (19.05)	6-32	1.16 (29.5)
19	F	1.60 (40.6)	1.50 (38.1)	.325 (8.26)	.634 (16.10)	1.516 (38.50)	.750 (19.05)	8-32	1.41 (35.8)
21	G	1.70 (43.2)	1.60 (40.6)	.343 (8.71)	.698 (17.73)	1.642 (41.70)	.875 (22.23)	8-32	1.51 (38.4)
23	H	1.85 (47.0)	1.70 (43.2)	.381 (9.68)	.823 (20.90)	1.768 (44.91)	1.000 (25.40)	8-32	1.66 (42.2)
25	J	1.95 (49.5)	1.80 (45.7)	.418 (10.62)	.853 (21.66)	1.869 (47.98)	1.125 (28.58)	8-32	1.76 (44.7)

NOTES:

1. Dimensions are in inches.
2. Dimensions apply after plating.
3. Metric equivalents are given for general information only.
4. Millimeters are in parentheses.

FIGURE 1. DIMENSIONS AND CONFIGURATIONS (SELF-LOCKING ONLY) - CONTINUED.

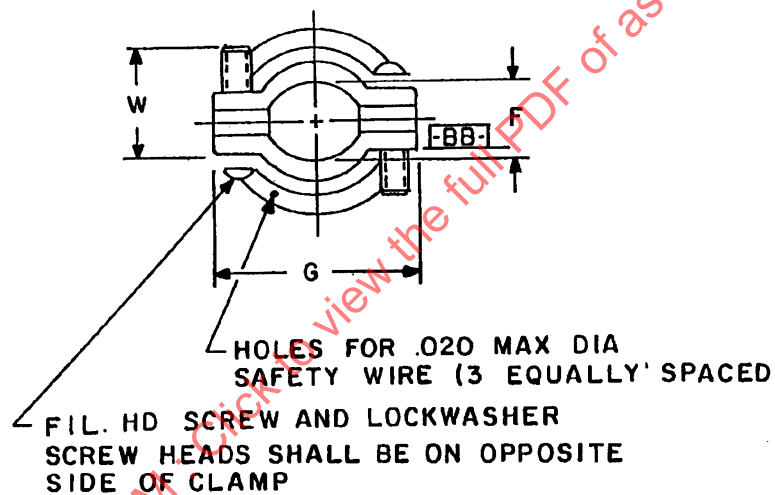
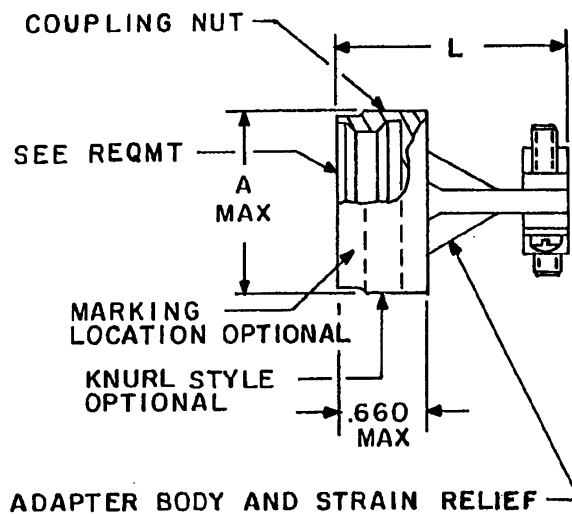


FIGURE 2. DIMENSIONS AND CONFIGURATIONS (NONSELF-LOCKING ONLY).

Shell size	A max dia of coupling ring	F Wire bundle accommodation range		G max dia	L max	W ±.032 screw length	Screw size
		Min	Max				
9	.75 (19.1)	.098 (2.49)	.234 (5.94)	.85 (21.6)	1.10 (27.9)	.500 (12.70)	6-32
11	.85 (21.6)	.153 (3.87)	.234 (5.94)	.90 (22.9)	1.10 (27.9)	.500 (12.70)	6-32
13	1.00 (25.4)	.190 (4.83)	.328 (8.33)	1.10 (27.9)	1.20 (30.5)	.625 (15.88)	6-32
15	1.10 (27.9)	.260 (6.60)	.457 (11.61)	1.15 (29.2)	1.25 (31.8)	.750 (19.05)	6-32
17	1.25 (33.0)	.283 (7.19)	.614 (15.60)	1.30 (33.0)	1.35 (34.3)	.750 (19.05)	6-32
19	1.40 (38.1)	.325 (8.26)	.634 (16.10)	1.50 (38.1)	1.60 (40.6)	.750 (19.05)	8-32
21	1.50 (40.6)	.343 (8.71)	.698 (17.73)	1.60 (40.6)	1.70 (43.2)	.875 (22.23)	8-32
23	1.65 (43.2)	.381 (9.68)	.823 (20.90)	1.70 (43.2)	1.85 (47.0)	1.000 (25.40)	8-32
25	1.75 (45.7)	.418 (10.62)	.853 (21.67)	1.80 (45.7)	1.95 (49.5)	1.125 (28.58)	8-32

NOTES:

1. Dimensions are in inches.
2. Dimensions apply after plating.
3. Metric equivalents are given for general information only.
4. Millimeters are in parentheses.

FIGURE 2. DIMENSIONS AND CONFIGURATIONS (NONSELF-LOCKING ONLY) - CONTINUED.