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AS85049/38

RATIONALE

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STABILIZED NOTICE

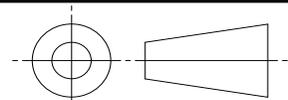
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

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

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ISSUED 2000-05 REVISED 2009-08 STABILIZED 2014-09

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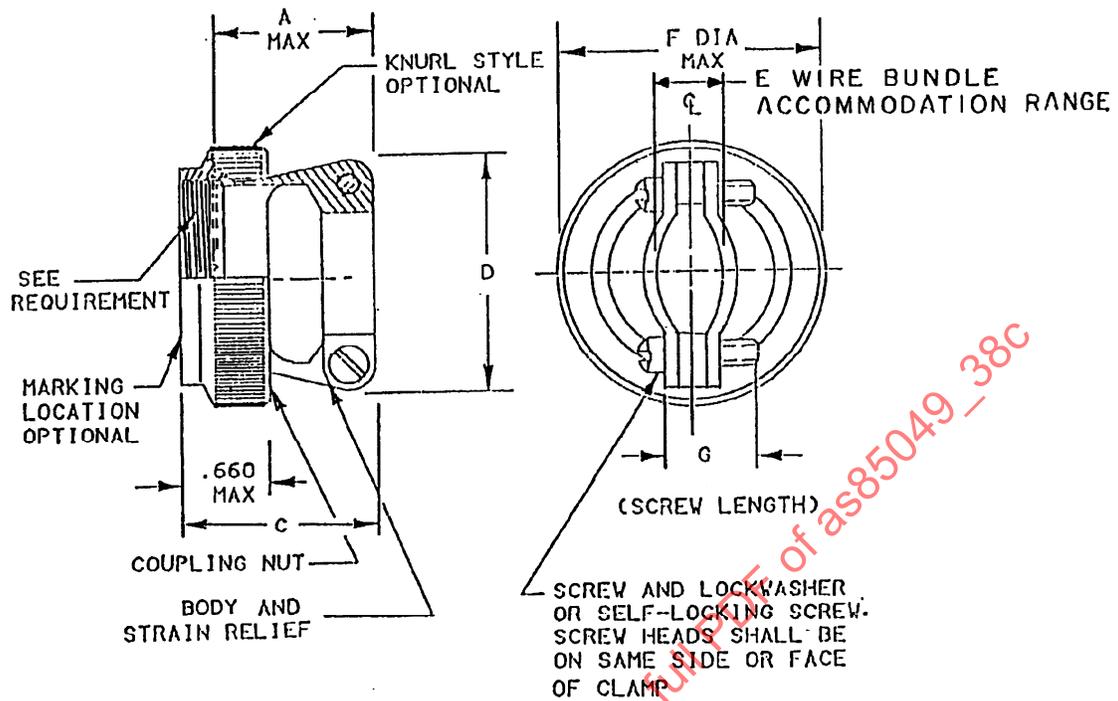


FIGURE 1 - DIMENSION AND CONFIGURATION (SELF-LOCKING ONLY)

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	AEROSPACE STANDARD	AS85049/38 SHEET 1 OF 5	REV. C
	CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, STRAIGHT, SELF-LOCKING AND NON-SELF-LOCKING, CATEGORY 4C (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)		

TABLE 1A - SHELL SIZES AND DIMENSIONS (SELF LOCKING ONLY)

CONNECTOR SHELL SIZE	SHELL SIZE CODE (REF)	C MAX OVERALL LENGTH	D MAX	E WIRE BUNDLE ACCOMMODATE RANGE SEE NOTE 5		F MAX DIA	G SCREW LENGTH	SCREW THREADS	A MAX (SEE NOTE 6)
				MIN	MAX				
9	A	1.21 (30.7)	.85 (21.6)	.098 (2.49)	.234 (5.94)	.858 (21.79)	.500 (12.70)	6-32	.91 (23.1)
11	B	1.21 (30.7)	.90 (22.9)	.153 (3.89)	.234 (5.94)	.984 (24.99)	.500 (12.70)	6-32	.91 (23.1)
13	C	1.31 (33.3)	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	1.35 (34.3)	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	1.45 (36.8)	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	1.71 (43.4)	1.50 (38.1)	.325 (8.26)	.634 (16.10)	1.516 (38.51)	.750 (19.05)	8-32	1.41 (35.8)
21	G	1.81 (46.0)	1.60 (40.6)	.343 (8.71)	.698 (17.73)	1.642 (41.71)	.875 (22.23)	8-32	1.51 (38.4)
23	H	1.95 (49.5)	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	2.05 (52.1)	1.80 (45.7)	.418 (10.62)	.853 (21.67)	1.889 (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.
5. WIRE BUNDLE ACCOMMODATION RANGE DIMENSION IS DEFINED AS THE ENVELOPE AREA OF THE WIRE BUNDLE. THIS DIMENSION IS NOT MEANT TO DEFINE THE CLAMP HARDWARE LIMITS.
6. THE "A" DIMENSION IS MEASURED FROM THE BOTTOM OF THE ACCESSORY TEETH TO THE END OF THE CLAMP.

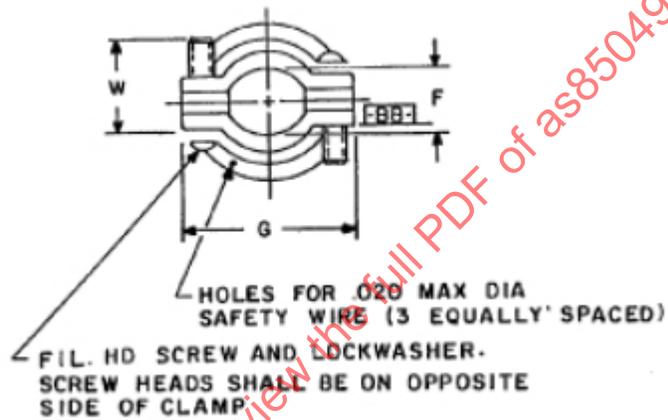
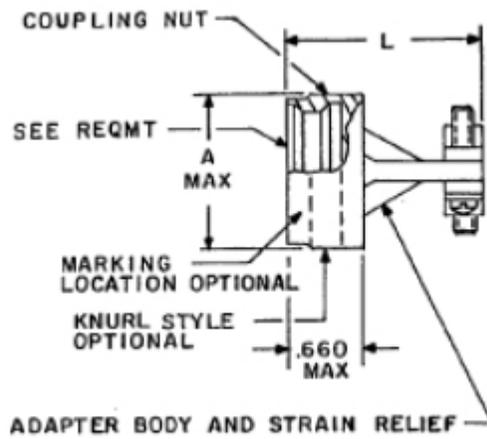


FIGURE 2 - DIMENSIONS AND CONFIGURATIONS (NON-SELF-LOCKING ONLY)

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