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REV.
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AS85049™/39

FEDERAL SUPPLY CLASS
5935

RATIONALE

UN-STABILIZE TO CORRECT A TABLE REFERENCE IN THE DOCUMENT.

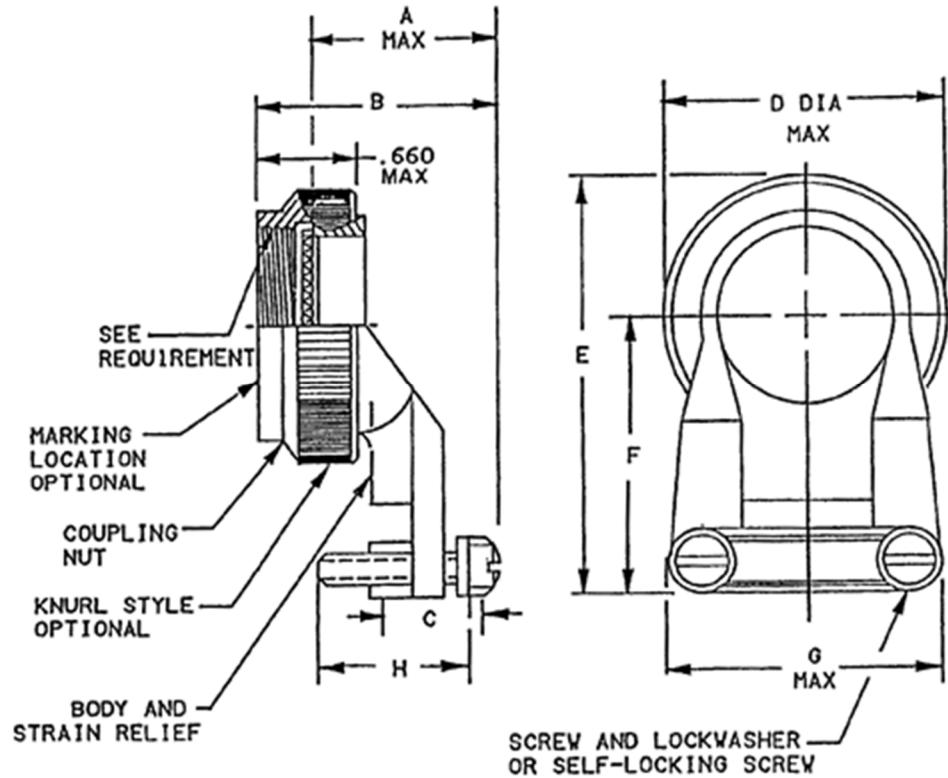
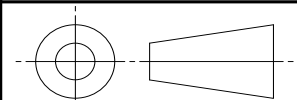


FIGURE 1 - DIMENSIONS AND CONFIGURATION (SELF-LOCKING ONLY)

AS85049/126 IS RECOMMENDED FOR NEW DESIGN.

For more information on this standard, visit
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



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

AS85049™/39
SHEET 1 OF 4

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Documents

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TABLE 1A - DIMENSIONS (SELF-LOCKING ONLY)

CONNECTOR SHELL SIZE	SHELL SIZE CODE (REF)	A MAX (SEE NOTE 6)	B MAX OVERALL LENGTH	C WIRE BUNDLE ACCOMMODATION RANGE (SEE NOTE 5)		D MAX DIA	E MAX	F MAX SIZE	G MAX	H SCREW LENGTH	SCREW SIZE
				MIN	MAX						
9	A	1.01 (25.7)	1.31 (33.3)	.098 (2.49)	.234 (5.94)	.858 (21.79)	1.38 (35.1)	1.00 (25.4)	.85 (21.6)	.500 (12.70)	6-32
11	B	1.01 (25.7)	1.31 (33.3)	.153 (3.89)	.234 (5.94)	.984 (24.99)	1.53 (38.9)	1.10 (27.9)	.90 (22.9)	.500 (12.70)	6-32
13	C	1.21 (30.7)	1.51 (38.4)	.190 (4.83)	.328 (8.33)	1.157 (29.39)	1.60 (40.6)	1.10 (27.9)	1.10 (27.9)	.625 (15.88)	6-32
15	D	1.26 (32.0)	1.55 (39.4)	.260 (6.60)	.457 (11.61)	1.279 (32.49)	1.80 (45.7)	1.25 (31.8)	1.15 (29.2)	.750 (19.05)	6-32
17	E	1.41 (35.8)	1.71 (43.4)	.283 (7.19)	.614 (15.60)	1.406 (35.71)	1.93 (49.0)	1.30 (33.0)	1.30 (33.0)	.750 (19.05)	6-32
19	F	1.51 (38.4)	1.81 (46.0)	.325 (8.26)	.634 (16.10)	1.516 (38.51)	2.05 (52.1)	1.35 (34.3)	1.50 (38.1)	.750 (19.05)	8-32
21	G	1.66 (42.2)	1.95 (49.5)	.343 (8.71)	.698 (17.73)	1.642 (41.71)	2.35 (59.7)	1.60 (40.6)	1.60 (40.6)	.875 (22.23)	8-32
23	H	1.76 (44.7)	2.10 (53.3)	.381 (9.68)	.823 (20.90)	1.768 (44.91)	2.58 (65.5)	1.75 (44.5)	1.70 (43.2)	1.000 (25.40)	8-32
25	J	1.91 (48.5)	2.21 (56.1)	.418 (10.62)	.853 (21.67)	1.889 (47.98)	2.73 (69.3)	1.85 (47.0)	1.80 (45.7)	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.
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 REAR OF THE SADDLE CLAMP.

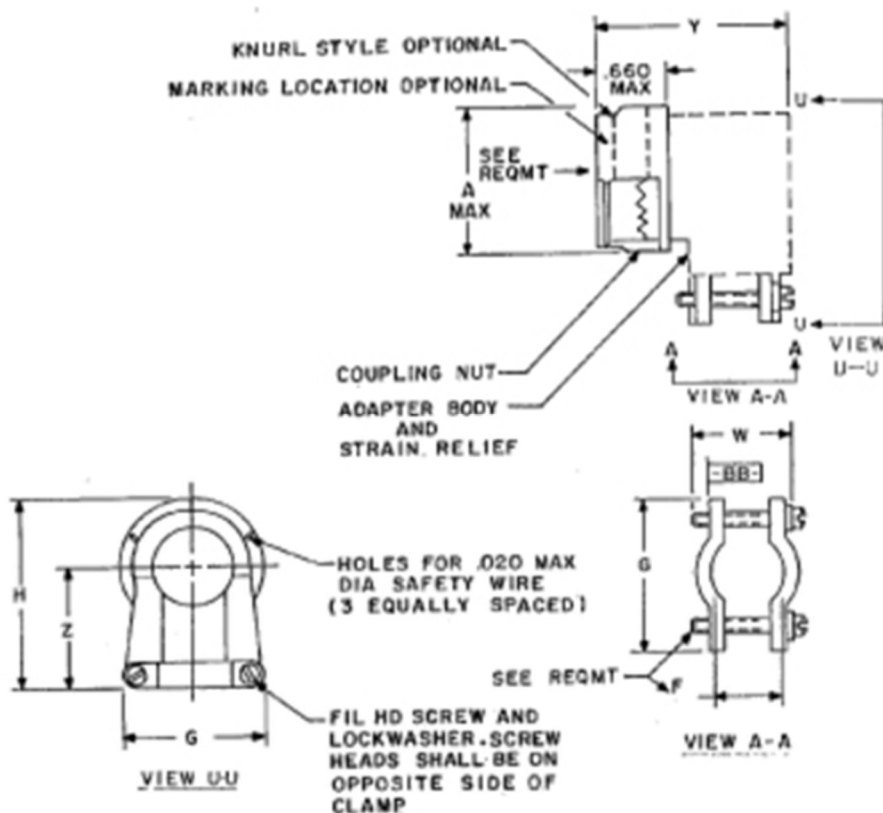


FIGURE 2 - DIMENSIONS AND CONFIGURATIONS (NON-SELF-LOCKING ONLY)

	AEROSPACE STANDARD	AS85049™39 SHEET 2 OF 4	REV. D Documents
	CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, 90°, SELF-LOCKING AND NON-SELF-LOCKING, CATEGORY 4C (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)		

