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THIRD ANGLE PROJECTION



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PREPARED BY SAE SUBCOMMITTEE AE-8C1

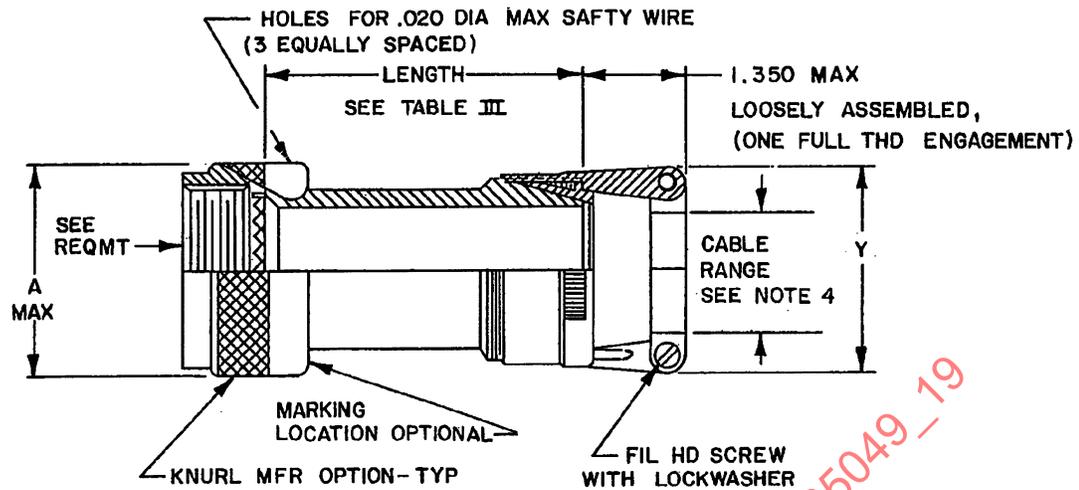


AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, NONENVIRONMENTAL, STRAIGHT, RFI/EMI, CATEGORY 3B (FOR MIL-C-38999 SERIES III AND IV CONNECTORS)

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SHEET 1 OF 5

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



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Metric equivalents are in parentheses.
4. See table I for minimum and maximum clamp size available with each shell size. See table II for cable range for each clamp size.

FIGURE 1. CONFIGURATION AND DIMENSIONS.

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TABLE I. CONNECTOR SHELL SIZE AND CLAMP SIZE.

Shell size	Min clamp size	Max clamp size	A Max Dia of coupling ring
9	01	02	.75 (19.1)
11	01	03	.85 (21.6)
13	02	04	1.00 (25.4)
15	02	05	1.10 (27.9)
17	02	06	1.25 (31.8)
19	03	07	1.40 (35.6)
21	03	08	1.50 (38.1)
23	03	09	1.65 (41.9)
25	04	10	1.75 (44.5)

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TABLE II. CLAMP SIZE AND DIMENSIONS.

Clamp size	Cable range		Y Dim Max
	Min	Max	
01	.062 (1.57)	.125 (3.18)	.80 (20.3)
02	.125 (3.18)	.250 (6.35)	1.00 (25.4)
03	.250 (6.35)	.375 (9.53)	1.10 (27.9)
04	.312 (7.92)	.500 (12.70)	1.20 (30.5)
05	.437 (11.10)	.625 (15.88)	1.25 (31.8)
06	.562 (14.27)	.750 (19.05)	1.40 (35.6)
07	.687 (17.45)	.875 (22.23)	1.50 (38.1)
08	.812 (20.62)	1.000 (24.40)	1.65 (41.9)
09	.937 (23.80)	1.125 (28.58)	1.75 (44.5)
10	1.062 (26.97)	1.250 (31.75)	1.90 (48.3)

TABLE III. LENGTH.

Shell size	Code	Length in inches \pm .032 (.81)
9 thru 25	Standard	1.50 (38.1)
9 thru 25	A	2.50 (63.5)
15 thru 25	B	3.50 (88.9)
21 thru 25	C	4.50 (114.3)