

REV.
A

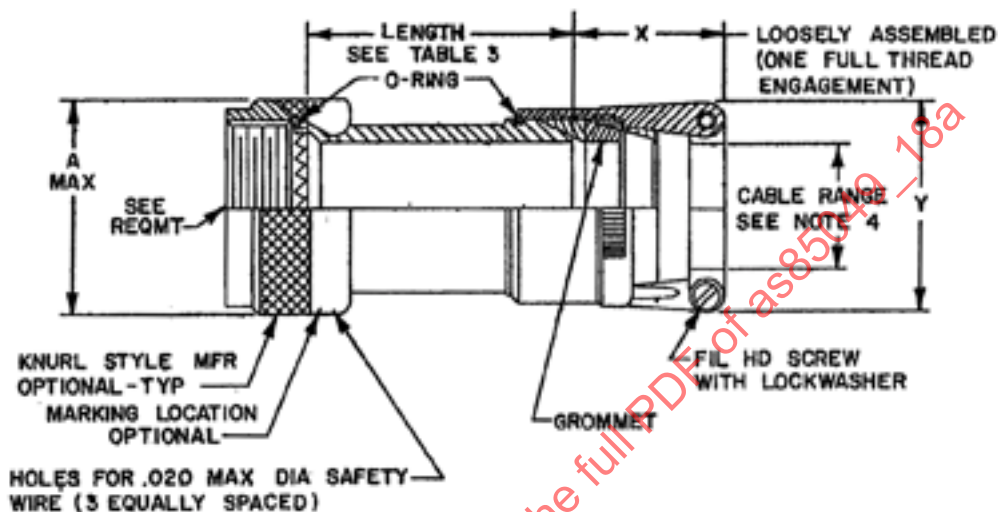
AS85049/18

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISED TO INCLUDE COMMENTS RECEIVED BY THE GOVERNMENT AND INDUSTRY USERS. UPDATED ALL REFERENCE SPECIFICATIONS. REMOVED GOVERNMENT JARGON AS A RESULT OF THE WORD-FOR-WORD CONVERSION.

THE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF: SAE AS85049.

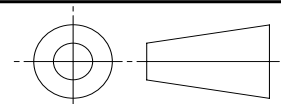


NOTE:

1. See Table 1 for minimum and maximum clamp size available with each shell size. See Table 2 for cable range for each clamp size.

FIGURE 1: CONFIGURATION AND DIMENSIONS

THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, ENVIRONMENTAL, STRAIGHT, RF/EMI, CATEGORY 2B (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)

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SHEET 1 OF 4

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TABLE 1 - CONNECTOR SHELF 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	1.15 (29.2)
17	02	06	1.25 (31.8)
19	03	07	1.40 (35.6)
21	03	08	1.55 (39.4)
23	03	09	1.65 (41.9)
25	04	10	1.85 (47.0)

FIGURE 1 - CONFIGURATION AND DIMENSIONS (CONTINUED)

TABLE 2 - CLAMP SIZE AND DIMENSIONS

CLAMP SIZE	CABLE RANGE		Y DIM MAX	X MAX
	MIN	MAX		
01	.062 (1.57)	.125 (3.18)	.80 (20.3)	1.250 (31.75)
02	.125 (3.18)	.250 (6.35)	1.00 (25.4)	1.250 (31.75)
03	.250 (6.35)	.375 (9.53)	1.10 (27.9)	1.250 (31.75)
04	.375 (9.53)	.500 (12.70)	1.20 (30.5)	1.250 (31.75)
05	.500 (12.70)	.625 (15.88)	1.25 (31.8)	1.350 (34.29)
06	.625 (15.88)	.750 (19.05)	1.40 (35.6)	1.375 (34.93)
07	.750 (19.05)	.875 (22.23)	1.50 (38.1)	1.500 (38.10)
08	.875 (22.23)	1.000 (25.40)	1.65 (41.9)	1.625 (41.28)
09	1.000 (25.40)	1.125 (28.58)	1.75 (44.5)	1.625 (41.28)
10	1.125 (28.58)	1.250 (31.75)	1.90 (48.3)	1.625 (41.28)

TABLE 3 - LENGTH

CODE	LENGTH IN INCHES ± 0.032 (.81)
STANDARD	1.50 (38.1)
A	2.50 (63.5)
B	3.50 (88.9)
C	4.50 (114.3)

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY.
3. METRIC EQUIVALENTS ARE IN PARENTHESES.

FIGURE 1 - CONFIGURATION AND DIMENSIONS (CONTINUED)