

REV.
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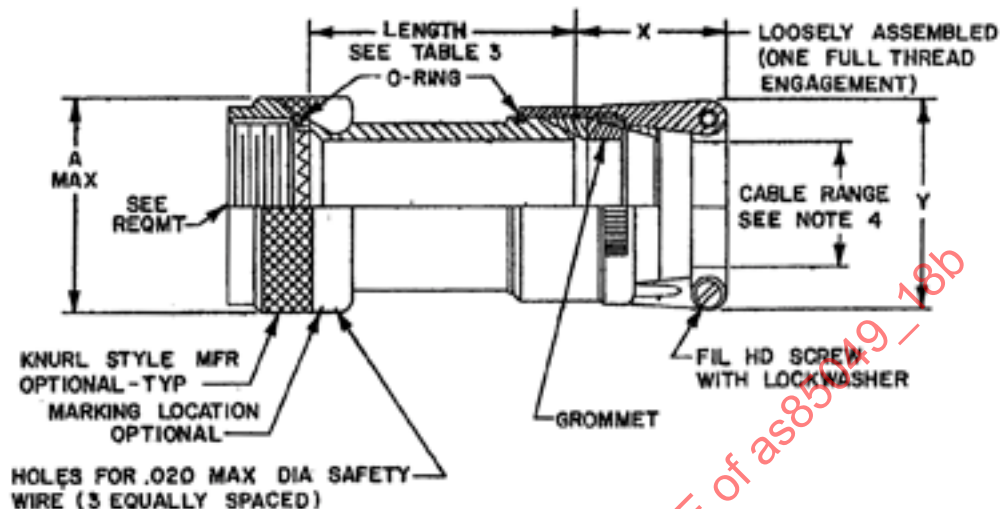
SAE AS85049/18

FEDERAL SUPPLY CLASS
5935

RATIONALE

THIS REVISION IS REQUIRED TO INCORPORATE THE OUTSTANDING AMENDMENT, REVIEW FOR KNOWN TECHNICAL ISSUES AND UPDATE TO MEET SAE FORMAT GUIDELINES.

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



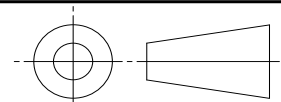
NOTE:

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

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85049/18B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049

SAE Aerospace
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AEROSPACE STANDARD

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

SAE AS85049/18
SHEET 1 OF 3

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ISSUED 2000-04 REVISED 2011-02

TABLE 1 - 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	1.15 (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
	MIN	MAX	
01	.062 (1.57)	.125 (3.18)	1.250 (31.75)
02	.125 (3.18)	.250 (6.35)	1.250 (31.75)
03	.250 (6.35)	.375 (9.53)	1.250 (31.75)
04	.375 (9.53)	.500 (12.70)	1.250 (31.75)
05	.500 (12.70)	.625 (15.88)	1.350 (34.29)
06	.625 (15.88)	.750 (19.05)	1.375 (34.93)
07	.750 (19.05)	.875 (22.23)	1.500 (38.10)
08	.875 (22.23)	1.000 (25.40)	1.625 (41.28)
09	1.000 (25.40)	1.125 (28.58)	1.625 (41.28)
10	1.125 (28.58)	1.250 (31.75)	1.625 (41.28)

TABLE 3 - LENGTH

CODE	LENGTH IN INCHES ± .032 (.81)
STANDARD	1.50 (38.1)
A	2.50 (63.5)
B	3.50 (88.9)
C	4.50 (114.3)