

REV.  
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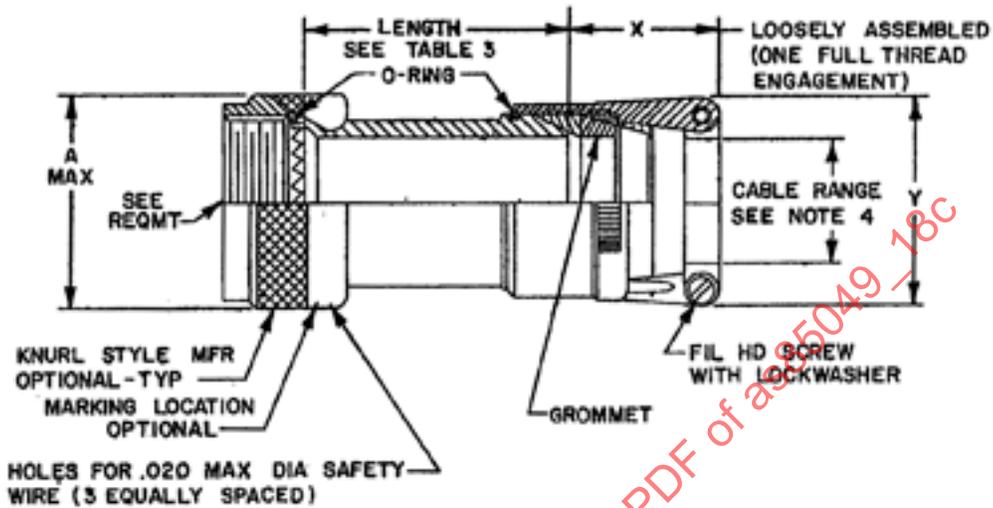
SAE AS85049/18

FEDERAL SUPPLY CLASS  
5935

RATIONALE

REVISION IS REQUIRED TO CORRECT TABLE 2, THE X DIMENSION WAS OMITTED COMPLETELY. THE X DIMENSIONAL REQUIREMENT VALUES ARE LISTED AS THE Y DIMENSIONAL REQUIREMENT VALUES, AND THE CORRECT DIMENSION Y VALUES HAVE BEEN OMITTED. THE CORRECTED TABLE INCLUDES THE X DIMENSION WITH CORRECT VALUES, AND ALSO THE CORRECT Y DIMENSION VALUES.

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

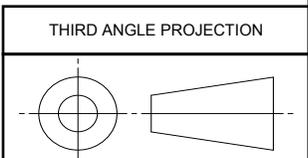


NOTE:  
 1. See Table 1 for minimum and maximum clamp size available with each shell size. See Table 2 for cable range for each clamp size.

FIGURE 1 - CONFIGURATION AND DIMENSIONS

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CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049

**SAE Aerospace**  
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**AEROSPACE STANDARD**

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 2011-10

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

NOTES:

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