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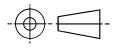
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## AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, NONENVIRONMENTAL, STRAIGHT, CATEGORY 3B (FOR MIL-C-38999 SERIES III AND IV CONNECTORS) **AS85049/21** SHEET 1 OF 5

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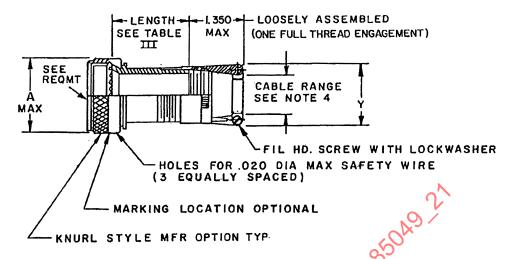
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## NOTES:

- 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.

TABLE I. CONNECTOR SHELL SIZE AND CLAMP SIZE.

	Shell   size	Min clamp   size 	l Max clamp   size 	A Max Dia of I coupling ring i	
	9	01	02	.75	
	11	01	03	.85 (21.6)	
	13	i   02 	1 04 1	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)	(S) /
	23	1 03 !	09	1.65	
	25	04	10	1.75	
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TABLE II. CLAMP SIZE AND DIMENSIONS.

	Cable			
Clamp size	Min	Hax	Y Dim Max	
01	.062	.125	.80 (20.3)	
02	.125	.250 (6.35)	1.00	
03	(6.35)	.375 (9.53)	1.10	
04	.312	.500 (12.70)	1.20	
05	(11.10)	.625 1 (15.88)	1.25	
06	.562	.750 (19.05)	1.40 (35.6)	
07	.687 (17.45)	.875	1.50	
08	.812	1.000	1.65	
09	(23.80)	1.125	51	
10	1.062	1.250	1.90	

TABLE III. LENGTH.

Shell size	Code I	Length in inches ±.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)
121 thru 25	C	4.50 (114.3)

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