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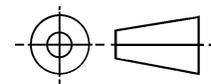
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THIRD ANGLE PROJECTION



ISSUED 2000-04

PREPARED BY SAE SUBCOMMITTEE AE-8C1



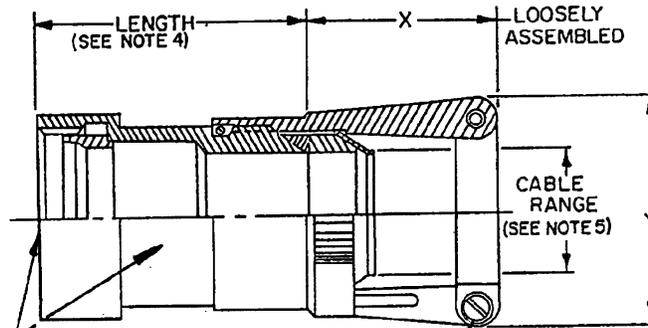
AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, ENVIRONMENTAL, STRAIGHT, SHIELD TERMINATION, CATEGORY 2B, (FOR MIL-C-27599 SERIES I AND MIL-C-38999 SERIES I AND II CONNECTORS)

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



FOR DETAILS OF ACCESSORY FRONT END, SEE MIL-C-38999 ACCESSORY INTERFACE DIMENSIONS.

MARKING LOCATION OPTIONAL

- 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. Standard minimum length is 1.5 inch ±.032 (38. mm ±.81 mm). See table III for longer lengths.
 5. See table I for min. and max. clamp size available with each accessory shell size. See table II for cable range for each clamp size.

FIGURE 1. CONFIGURATIONS AND DIMENSIONS.

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TABLE I. ACCESSORY SHELL SIZE, CONNECTOR SHELL SIZE AND CLAMP SIZE.

Accessory shell size	Connector shell size		Min clamp size	Max clamp size
	Series II	Series I		
08 - - - - -	8	9	01	02
10 - - - - -	10	11	01	03
12 - - - - -	12	13	02	04
14 - - - - -	14	15	02	05
16 - - - - -	16	17	02	06
18 - - - - -	18	19	03	07
20 - - - - -	20	21	03	08
22 - - - - -	22	23	03	09
24 - - - - -	24	25	04	10

TABLE II. CLAMP SIZE AND DIMENSIONS.

Clamp size	Cable range		Y dim Max	X Max
	Min	Max		
01	.062 (1.57)	.125 (3.18)	.781 (19.84)	1.250 (31.75)
02	.125 (3.18)	.250 (6.35)	.969 (24.61)	
03	.250 (6.35)	.375 (9.53)	1.062 (26.97)	
04	.375 (9.53)	.500 (12.70)	1.156 (29.36)	
05	.500 (12.70)	.625 (15.88)	1.250 (31.75)	1.312 (33.32)
06	.625 (15.88)	.750 (19.05)	1.375 (34.93)	1.375 (34.93)
07	.750 (19.05)	.875 (22.23)	1.500 (38.10)	1.500 (38.10)
08	.875 (22.23)	1.000 (25.40)	1.625 (41.28)	1.625 (41.28)
09	1.000 (25.40)	1.125 (28.58)	1.750 (44.45)	
10	1.125 (28.58)	1.250 (31.75)	1.875 (47.63)	

FIGURE 1. CONFIGURATIONS AND DIMENSIONS - CONTINUED.