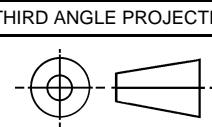


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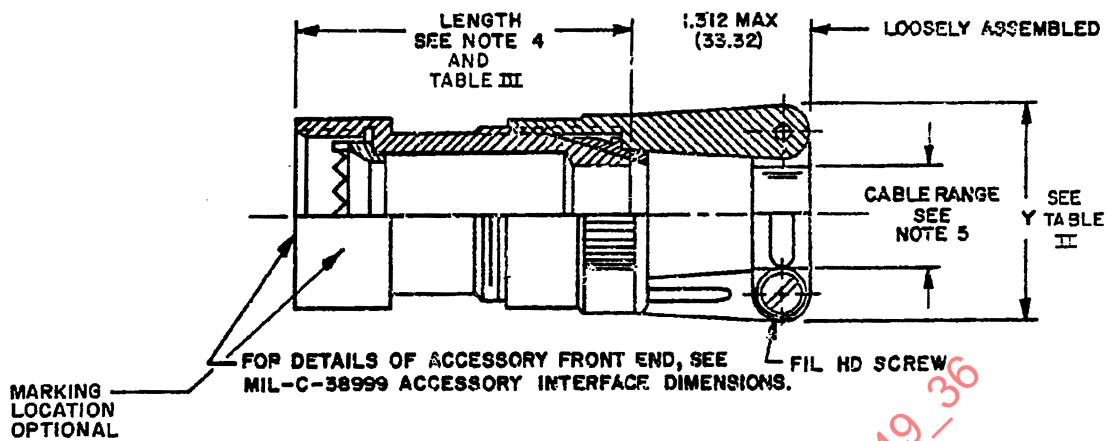
PREPARED BY SAE SUBCOMMITTEE AE-8C1



AEROSPACE STANDARD
CONNECTOR ACCESSORIES, ELECTRICAL,
BACKSHELL, NONENVIRONMENTAL, STRAIGHT, SHIELD
TERMINATION, CATEGORY 3B (FOR MIL-C-27599 SERIES I AND
MIL-C-38999 SERIES I AND II CONNECTORS)

AS85049/36
SHEET 1 OF 4

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



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 \pm .032 (38 \pm .81 mm). See table III for longer lengths.
5. See table I for minimum and maximum clamp size available with each accessory shell size. See table II for cable range for each clamp size.

FIGURE 1. CONFIGURATIONS AND DIMENSIONS.

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 DTM MAX
	MIN	MAX	
01	.062 (1.57)	.125 (3.18)	.781 (19.84)
02	.125 (3.18)	.250 (6.35)	.969 (24.61)
03	.250 (6.35)	.375 (9.52)	1.062 (26.97)
04	.312 (7.92)	.500 (12.70)	1.156 (29.36)
05	.437 (11.10)	.625 (15.88)	1.250 (31.75)
06	.562 (14.27)	.750 (19.05)	1.375 (34.92)
07	.687 (17.45)	.875 (22.22)	1.500 (38.10)
08	.812 (20.62)	1.000 (25.40)	1.625 (41.28)
09	.937 (23.80)	1.125 (28.58)	1.750 (44.45)
10	1.062 (26.97)	1.250 (31.75)	1.875 (47.62)

TABLE III. LENGTH.

Accessory shell size	Code	Length in inches $\pm .032$
08 thru 24	Standard	1.5 (38.1)
08 thru 24	A	2.5 (63.5)
14 thru 24	B	3.5 (88.9)
20 thru 24	C	4.5 (114.3)