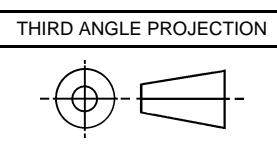
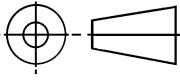


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PREPARED BY SAE SUBCOMMITTEE AE-8C1				
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ISSUED 2000-05 REAFFIRMED 2006-01

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

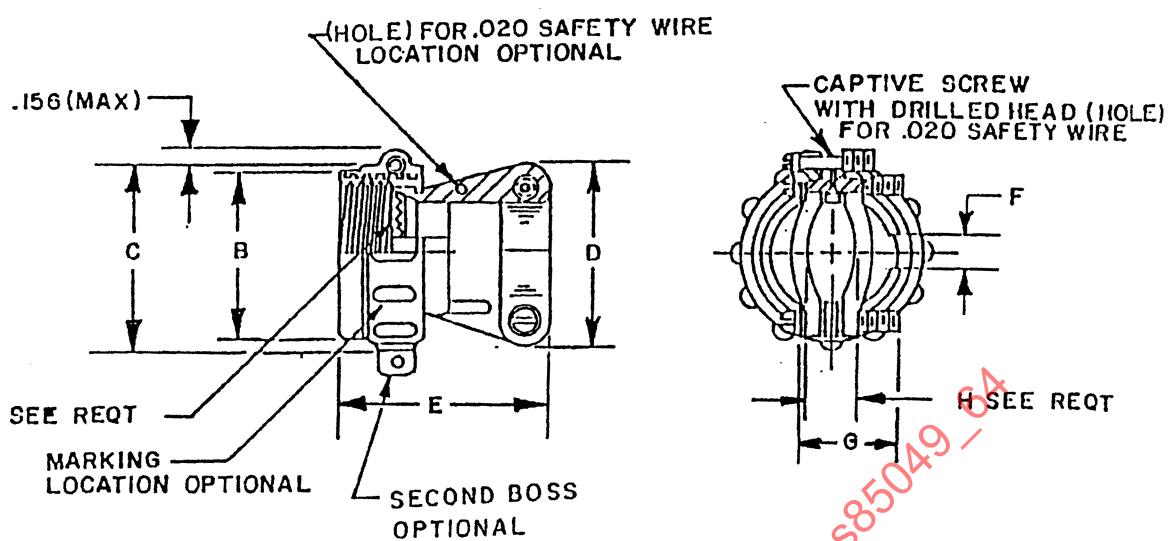


FIGURE 1. DIMENSIONS AND CONFIGURATION.

Accessory shell size	Fits connector shell size		B +.000 -.062	C max dia	D max dia	E max dia	F min slot	G +.032 screw length	Screw size	H wire bundle accommodation
	Series II	Series I								
8	8	9	.562 (14.3)	.75 (19.1)	.85 (21.6)	1.10 (27.9)	.125 (3.18)	.625 (15.9)	6-32 (.098) (2.49)	.098 (.234) (5.94)
10	10	11	.688 (17.5)	.85 (21.6)	.90 (22.9)	1.10 (27.9)	.125 (3.18)	.625 (15.9)	6-32 (.153) (3.87)	.153 (.234) (5.94)
12	12	13	.812 (20.6)	1.00 (25.4)	1.10 (27.9)	1.20 (30.4)	.188 (4.78)	.625 (15.9)	6-32 (.190) (4.83)	.190 (.328) (8.33)
14	14	15	.938 (23.8)	1.10 (27.9)	1.15 (29.2)	1.25 (31.8)	.188 (4.78)	.750 (19.1)	6-32 (.260) (6.60)	.260 (.457) (11.61)
16	16	17	1.062 (27.0)	1.25 (31.8)	1.30 (33.0)	1.35 (34.2)	.188 (4.78)	.750 (19.1)	6-32 (.283) (7.19)	.283 (.634) (15.60)
18	18	19	1.188 (30.2)	1.40 (35.6)	1.40 (38.1)	1.50 (40.6)	.250 (6.35)	.750 (19.1)	8-32 (.343) (8.71)	.325 (.614) (16.10)
20	20	21	1.312 (33.3)	1.50 (40.5)	1.60 (43.1)	1.70 (43.1)	.250 (6.35)	.875 (22.2)	8-32 (.343) (8.71)	.343 (.698) (17.73)
22	22	23	1.438 (36.5)	1.65 (41.9)	1.70 (43.2)	1.85 (47.0)	.312 (7.92)	1.000 (25.4)	8-32 (.381) (9.68)	.381 (.823) (20.90)
24	24	25	1.562 (39.7)	1.75 (44.4)	1.80 (45.7)	1.95 (49.5)	.312 (7.92)	1.125 (28.6)	8-32 (.418) (10.62)	.418 (.853) (21.66)

FIGURE 1. DIMENSIONS AND CONFIGURATION - CONTINUED.

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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.032	0.81	.343	8.71	.85	21.6	1.30	33.02
.062	1.57	.381	9.67	.853	21.66	1.312	33.32
.125	3.18	.418	10.62	.875	22.22	1.35	34.29
.150	3.81	.457	11.61	.90	22.9	1.40	35.56
.187	4.75	.562	14.27	.938	23.83	1.438	36.53
.188	4.78	.614	15.59	1.000	25.40	1.50	38.10
.234	5.94	.625	15.88	1.062	26.97	1.562	39.67
.250	6.35	.634	16.10	1.040	27.94	1.60	40.64
.260	6.60	.688	17.48	1.125	28.58	1.65	41.91
.283	7.18	.688	17.73	1.15	29.2	1.70	43.18
.312	7.92	.75	19.1	1.188	30.18	1.75	44.45
.325	8.25	.812	20.62	1.20	30.48	1.80	45.72
.328	8.33	.823	20.90	1.25	31.75	1.85	46.99
						1.95	49.53

NOTES:

1. Dimensions are in inches.
2. Dimensions apply after plating.
3. Metric equivalents are given for general information only.
4. This accessory will not accommodate connectors using 8, 4, and 0 contacts.

FIGURE 1. DIMENSIONS AND CONFIGURATION- CONTINUED.

REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1 and table I.

Interface dimensions shall conform to MIL-C-38999, series I and II.

Clamps shall have no protrusion or sharp edges which may pinch cable.

In the assembled mode, the coupling nut shall be captivated to the adapter body and free to rotate.

Figure 1 dimension H_{MAX} is applicable when the end of the screw is flush with -BB- or a maximum of two screws threads protrude.

Material:

Coupling nut, ring, clamp, saddle bars: Aluminum alloy in accordance with MIL-C-85049.

Fasteners: 300 series corrosion resistant steel, passivated.

Finish: In accordance with MIL-C-85049.

Aluminum components: 1/ N, 2/ W.

1/ N Not for Navy use. Air Force: For space applications only.

2/ W is not for use in space application.

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	CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, SPLIT, STRAIGHT, CATEGORY 4C (MIL-C-38999 SERIES I AND II CONNECTORS)	