

RATIONALE

UPDATED TO NEW FORMAT. INCORPORATED OUTSTANDING AMENDMENTS AND UPDATED REFERENCES.

NOTICE

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

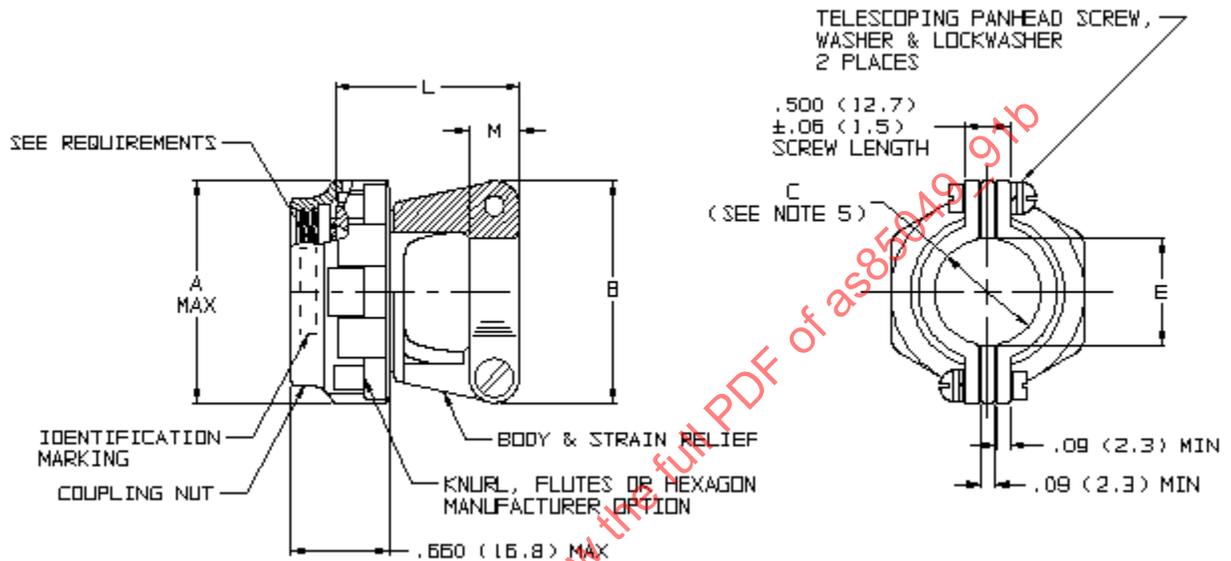
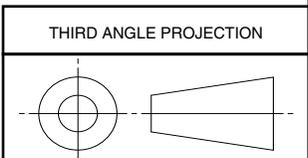


FIGURE 1 - CONFIGURATION AND DIMENSIONS

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CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD
(R) CONNECTOR ACCESSORIES, COMPOSITE, ELECTRICAL, STRAIN RELIEF, STRAIGHT, SELF-LOCKING, CATEGORY 4C (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)

SAE AS85049/91B
SHEET 1 OF 3

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ISSUED 2000-06 REVISED 2008-03

TABLE 1 - SHELL SIZES AND DIMENSIONS

SHELL SIZE	A MAX DIA	B MAX	C ±.031 DIA SEE NOTE 5	E MIN	L MAX	M ±.03	SCREW SIZE
9	.858 (21.79)	.980 (24.89)	.219 (5.56)	.229 (5.82)	.840 (21.23)	.375 (9.53)	4-40
11	.984 (24.99)	1.05 (26.67)	.264 (6.71)	.274 (6.96)	.960 (24.28)	.375 (9.53)	4-40
13	1.157 (29.39)	1.20 (30.48)	.344 (8.74)	.354 (8.99)	1.100 (27.94)	.406 (10.31)	6-32
15	1.280 (32.51)	1.30 (33.02)	.460 (11.68)	.470 (11.94)	1.100 (27.94)	.406 (10.31)	6-32
17	1.406 (35.71)	1.42 (36.07)	.545 (13.84)	.555 (14.10)	1.230 (31.24)	.406 (10.31)	6-32
19	1.516 (38.51)	1.52 (38.61)	.615 (15.62)	.625 (15.88)	1.410 (35.81)	.406 (10.31)	6-32
21	1.642 (41.51)	1.64 (41.66)	.698 (17.73)	.708 (17.98)	1.510 (38.35)	.406 (10.31)	6-32
23	1.768 (44.91)	1.77 (44.96)	.780 (19.81)	.790 (20.07)	1.660 (42.16)	.406 (10.31)	6-32
25	1.890 (48.01)	1.89 (48.01)	.850 (21.59)	.860 (21.84)	1.760 (44.70)	.406 (10.31)	6-32

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY.
3. MILLIMETERS ARE IN PARENTHESES.
4. DIMENSIONS APPLY AFTER PLATING.
5. CABLE ENTRY IS MEASURED WITH SADDLE BARS CLOSED AND BOTTOMED ON CLAMP EARS.
6. SCREW ASSEMBLY IAW: NAS720C4-8 OR NAS720C6-8 OR EQUIVALENT.
7. PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING. OPTION 'N' IS A FREE SPINNING SELF-LOCKING COUPLING.