

RATIONALE

FEDERAL SUPPLY CLASS
5935

REVISION IS REQUIRED TO CORRECT THE FINISH DESCRIPTION FOR THE "P" AND "W" FINISH DESIGNATORS.

NOTICE

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

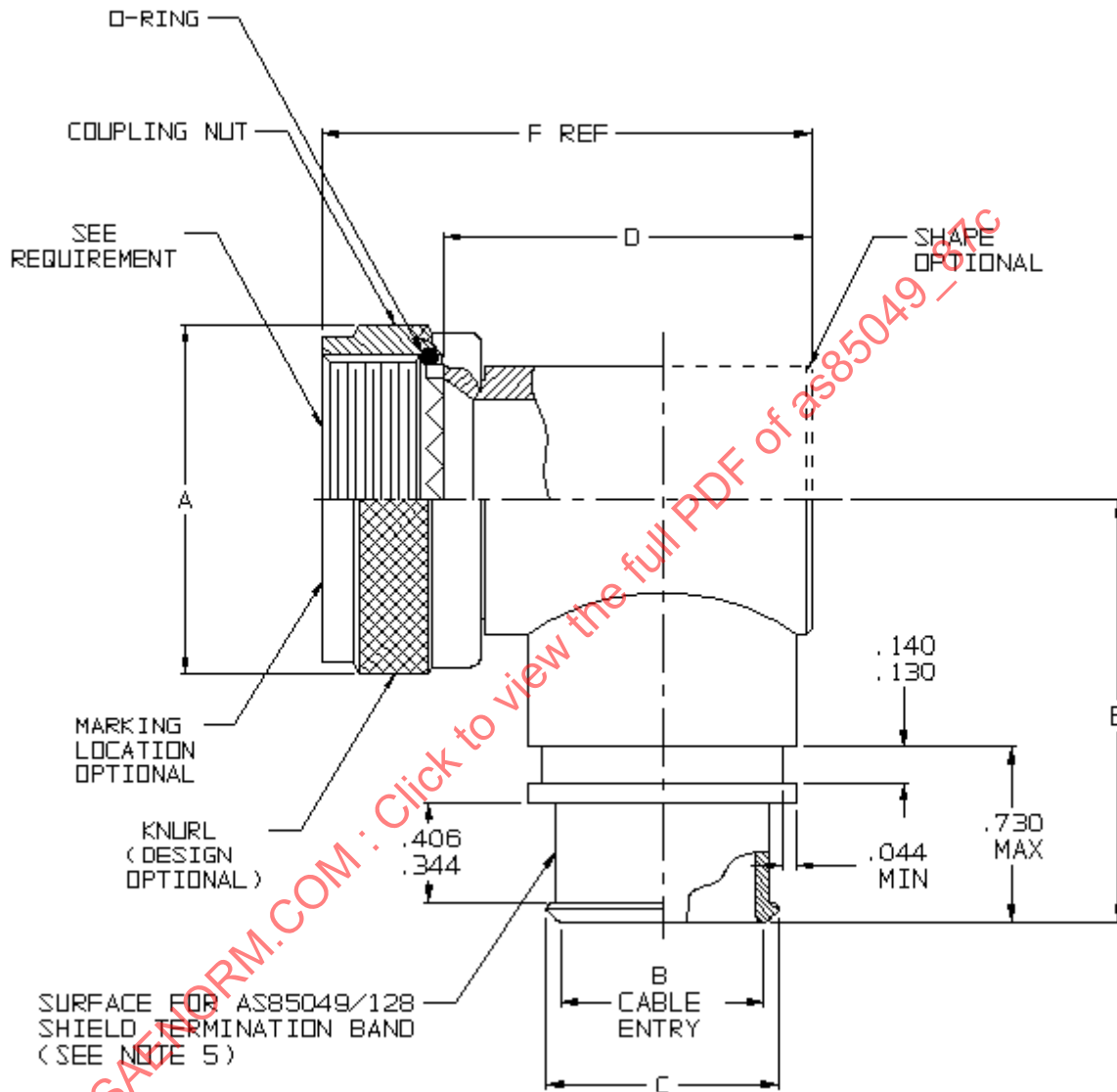
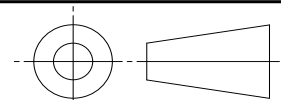


FIGURE 1 - CONFIGURATION AND DIMENSIONS

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85049/87C>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, 90°, SELF-LOCKING, SHIELD BAND TERMINATION (RFI/EMI), SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)

SAE AS85049/87
SHEET 1 OF 3

REV. C

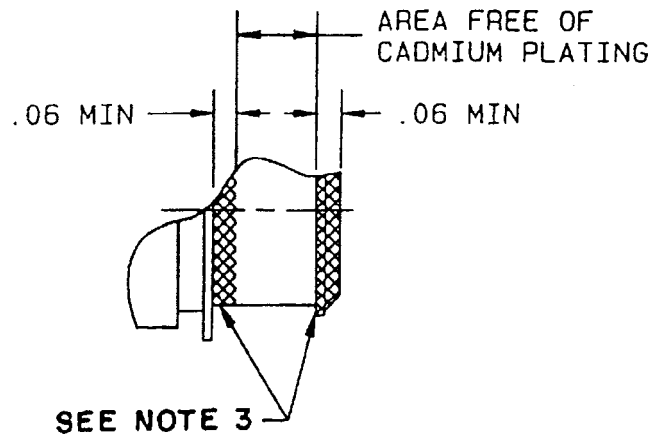


FIGURE 2 - SELECTIVE PLATING

TABLE 1 - SHELL SIZE AND DIMENSIONS

SHELL SIZE	CONNECTOR SHELL SIZE		A MAX DIA	B DIA ± 0.010 ENTRY SIZE		C DIA REF		D MAX DIM	E MAX DIM	F REF
	SERIES I	SERIES II		02	03	02	03			
08	9	8	.858 (21.8)	N/A	.250	N/A	.395 (10.0)	1.375 (34.9)	1.417 (36.0)	1.563 (39.7)
10	11	10	.984 (25.0)	N/A	.312	N/A	.457 (11.6)	1.437 (36.5)	1.480 (37.6)	1.625 (41.3)
12	13	12	1.157 (29.4)	.312 (7.9)	.438 (11.1)	.457 (11.6)	.583 (14.8)	1.562 (39.7)	1.553 (39.4)	1.750 (44.5)
14	15	14	1.279 (32.5)	.438 (11.1)	.562 (14.3)	.583 (14.8)	.707 (18.0)	1.687 (42.8)	1.614 (41.0)	1.875 (47.6)
16	17	16	1.406 (35.7)	.500 (12.7)	.625 (15.9)	.645 (16.4)	.770 (19.6)	1.750 (44.5)	1.678 (42.8)	1.938 (49.2)
18	19	18	1.516 (38.5)	.625 (15.9)	.750 (19.1)	.770 (19.6)	.895 (22.7)	1.875 (47.6)	1.733 (44.0)	2.063 (52.4)
20	21	20	1.642 (41.7)	.625 (15.9)	.812 (20.6)	.770 (19.6)	.957 (24.3)	1.938 (49.2)	1.796 (45.6)	2.126 (54.0)
22	23	22	1.768 (45.0)	.688 (17.5)	.938 (23.8)	.829 (21.1)	1.083 (27.5)	2.062 (52.4)	1.859 (47.2)	2.250 (57.2)
24	25	24	1.889 (48.0)	.750 (19.1)	1.000 (25.4)	.895 (22.7)	1.145 (29.1)	2.125 (54.0)	1.919 (48.7)	2.313 (58.8)

NOTES:

- DIMENSIONS ARE IN INCHES.
- METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 25.4 MM = 1 INCH.
- CADMIUM/NICKEL INTERFACE SHALL BE COATED WITH POLYSULFIDE SEALANT.
- PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING. OPTION 'N' IS A FREE SPINNING SELF-LOCKING COUPLING.
- RIBBED, KNURL OR SURFACE ROUGHNESS 125-250 IN ACCORDANCE WITH ANSI B46.1

 <i>An SAE International Group</i>	AEROSPACE STANDARD		SAE AS85049/87 SHEET 2 OF 3	REV. C
	CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, 90°, SELF-LOCKING, SHIELD BAND TERMINATION (RFI/EMI), SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)			