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REV.
D

AS85049™/82

RATIONALE

FEDERAL SUPPLY CLASS
5935

REVISION IS REQUIRED TO ADD AN APPLICATION NOTE THAT READS--" THIS CONNECTOR ACCESSORY IS ONLY INTENDED FOR USE WITH THE M85049/128 BAND FOR SHIELD TERMINATION. OTHER SHIELD TERMINATION DEVICES ARE NOT RECOMMENDED FOR USE AND MAY RESULT IN REDUCED PERFORMANCE", TO CORRECT THE METRIC EQUIVALENT ERRORS IN TABLE 1 FOR SHELL SIZE 61 AND TO UPDATE THE TABLE 2 FOOTNOTES TO THE LATEST SAE APPROVED WORDING.

AS85049/82D HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

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

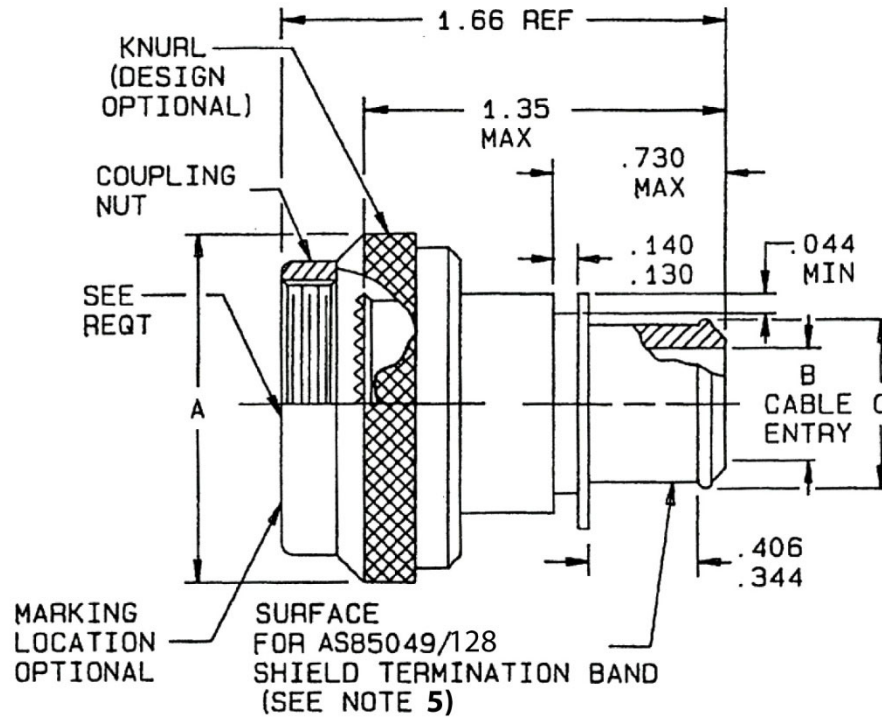
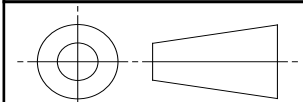


FIGURE 1 - CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/82D/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
STRAIGHT, SELF-LOCKING, SHIELD BAND TERMINATION (RFI/EMI),
SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B
(FOR AS50151 CRIMP, MIL-DTL-26482 SERIES 2,
AS18703 SERIES 3 AND MIL-DTL-83723 SERIES III CONNECTORS)

AS85049™/82
SHEET 1 OF 4

REV.
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Documents

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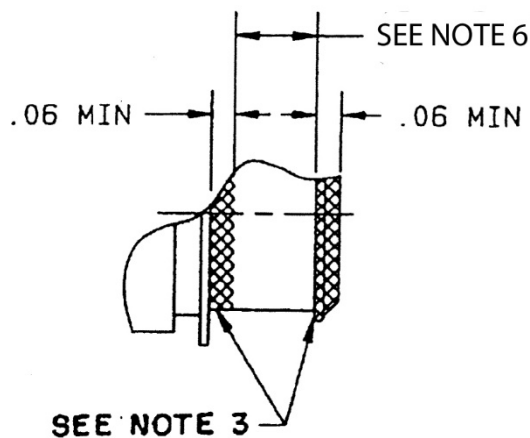
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INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
.044	1.12	.500	12.70	.750	19.05	.957	24.30	1.190	30.23
.130	3.30	.562	14.27	.770	19.56	1.000	25.40	1.260	32.00
.140	3.56	.583	14.81	.812	20.62	1.010	25.65	1.270	32.26
.250	6.35	.625	15.88	.829	21.06	1.020	25.91	1.385	35.18
.312	7.92	.660	16.76	.875	22.22	1.083	27.51	1.510	38.35
.395	10.03	.684	17.37	.885	22.48	1.125	28.58	1.635	41.53
.438	11.13	.707	17.96	.895	22.73	1.135	28.83	1.750	44.45
.457	11.61	.730	18.54	.938	23.83	1.145	29.08	1.885	47.88
								2.135	54.23

FIGURE 2 - SELECTIVE PLATING

NOTES:

1. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING.
2. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1.00 INCH = 25.4 MM.
3. CADMIUM, ZINC NICKEL OR PURE DENSE ELECTRODEPOSITED ALUMINUM/NICKEL INTERFACE SHALL BE COATED WITH POLYSULFIDE SEALANT.
4. PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING. OPTION 'N' IS A FREE SPINNING SELF-LOCKING COUPLING.
5. RIBBED, INTERNAL KNURL OR SURFACE ROUGHNESS Ra 125-250 IN ACCORDANCE WITH ANSI 846.1. SEE FIGURE 2 FOR SELECTIVE PLATING DETAIL.
6. AREA FREE OF CADMIUM, ZINC NICKEL OR PURE DENSE ELECTRODEPOSITED ALUMINUM, AS APPLICABLE.

	AEROSPACE STANDARD	AS85049™/82 SHEET 2 OF 4	REV. D
	CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, STRAIGHT, SELF-LOCKING, SHIELD BAND TERMINATION (RFI/EMI), SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B (FOR AS50151 CRIMP, MIL-DTL-26482 SERIES 2, AS81703 SERIES 3 AND MIL -DTL -83723 SERIES III CONNECTORS)		

