

REV.
D

AS85049™/83

RATIONALE

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".

AS85049/83D 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.

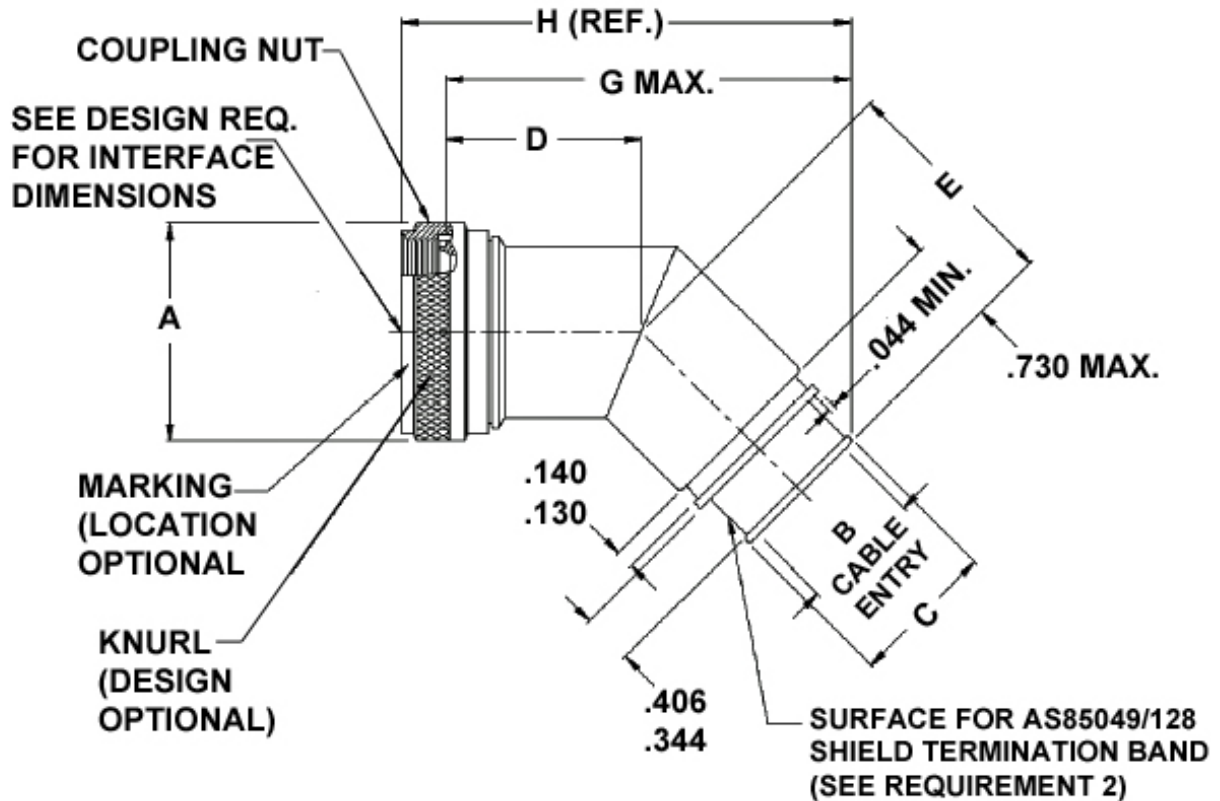
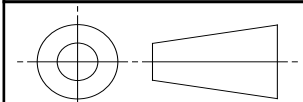


FIGURE 1 - CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/83D/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, 45°, SELF LOCKING, SHIELD, BAND TERMINATION, (RFI/EMI), SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B (FOR AS50151 CRIMP, AS95234, MIL-DTL 26482 SERIES 2, AS81703 SERIES 3 AND MIL-DTL-83723 SERIES III CONNECTORS)

AS85049™/83
SHEET 1 OF 4

REV.
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Documents

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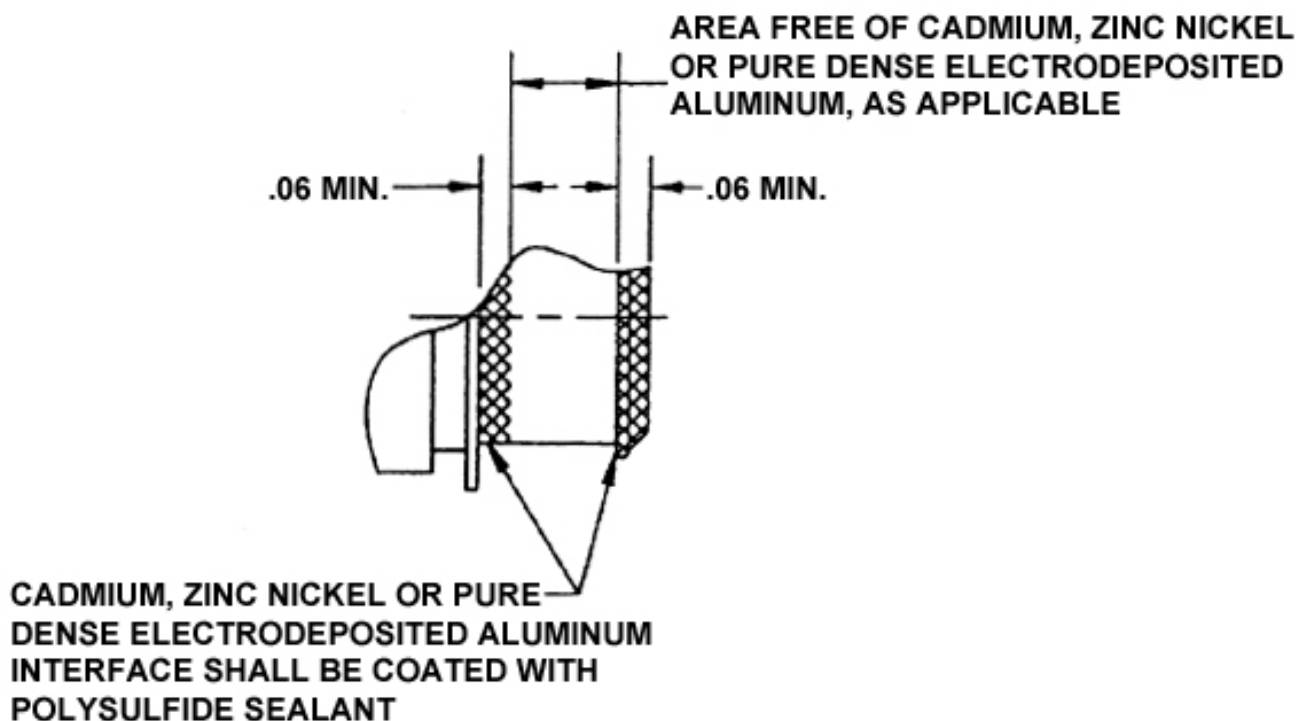


FIGURE 2 - SELECTIVE PLATING

TABLE 1 - FIGURES 1 AND 2 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.044	1.12	.130	3.30	.344	8.74	.703	17.86
.06	1.52	.140	3.56	.406	10.31		

TABLE 2 - ACCESSORY SHELL SIZE AND DIMENSIONS

ACCESSORY SHELL SIZE	FOR CONNECTOR SHELL SIZE (REF)				A MAX DIA	B DIA ±.010 (0.25) ENTRY SIZE		C DIA (REF)	
	AS81703 SERIES 3	MIL-DTL- 26482 SERIES 2	AS50151 CRIMP AS95234	MIL-DTL- 83723 SERIES III		02	03	02	03
08	---	8	8S	8	.885 (22.48)	N/A	.250 (6.35)	N/A	.395 (10.03)
10	---	10	10S, 10SL	10	1.010 (25.65)	N/A	.312 (7.92)	N/A	.457 (11.61)
12	7	12	12S, 12	12	1.135 (28.83)	.312 (7.92)	.438 (11.13)	.457 (11.61)	.583 (14.81)
14	12	14	14S, 14	14	1.260 (32.00)	.438 (11.13)	.562 (14.27)	.583 (14.81)	.707 (17.96)
16	19	16	16S, 16	16	1.385 (35.18)	.500 (12.70)	.625 (15.88)	.645 (16.38)	.770 (19.56)
18	27	18	18	18	1.510 (38.35)	.625 (15.88)	.750 (19.05)	.770 (19.56)	.895 (22.73)
20	37	20	20	20	1.635 (41.53)	.625 (15.88)	.812 (20.62)	.770 (19.56)	.957 (24.31)
22	---	22	22	22	1.760 (44.70)	.688 (17.48)	.938 (23.83)	.829 (21.06)	1.083 (27.51)
24	---	24	24	24	1.885 (47.88)	.750 (19.05)	1.000 (25.40)	.895 (22.73)	1.145 (29.08)
28	---	---	28	---	2.135 (54.23)	.875 (22.23)	1.125 (28.58)	1.020 (25.91)	1.270 (32.26)

	AEROSPACE STANDARD	AS85049™/83 SHEET 2 OF 4	REV. D
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