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REV.
E

AS85049™/89

FEDERAL SUPPLY CLASS
5935

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."

AS85049/89E 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.

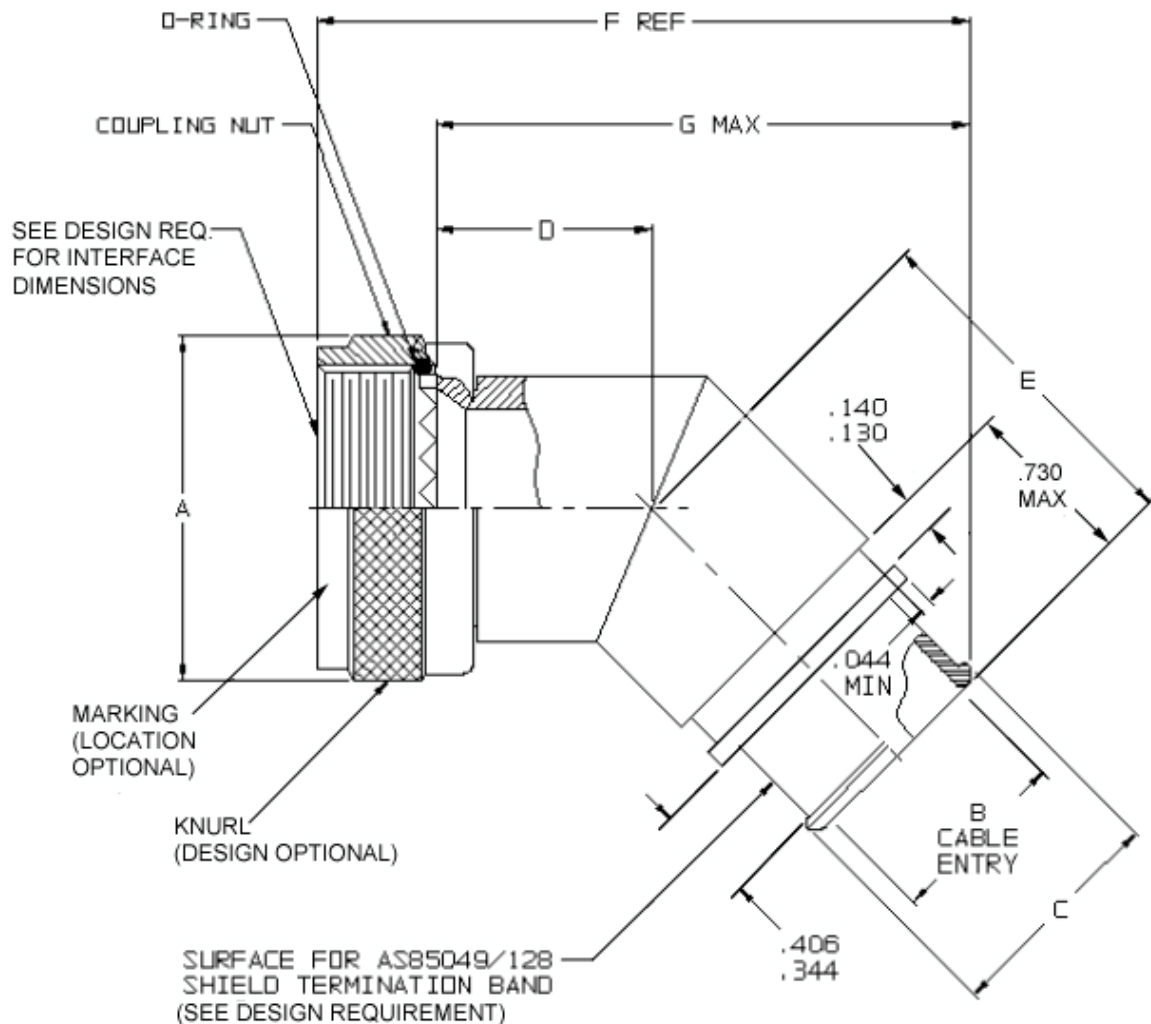
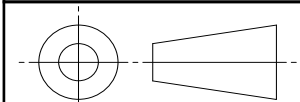


FIGURE 1 - ACCESSORY CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/89E/>

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 MIL-DTL-38999 SERIES III AND IV CONNECTORS)

AS85049™/89
SHEET 1 OF 4

REV.
E

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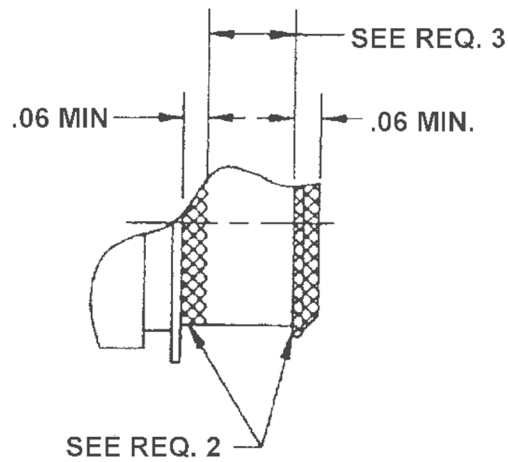


FIGURE 2 - SELECTIVE PLATING

TABLE 1 - FIGURES 1 AND 2 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.044	1.12	.140	3.56	.730	18.54
.06	1.52	.344	8.74		
.130	3.30	.406	10.31		

TABLE 2 - FIGURE 1, SHELL SIZE AND DIMENSIONS

ACCESSORY SHELL SIZE	SHELL SIZE CODE (REF)	A MAX DIA	B DIA +.025 (0.64) -.010 (0.25) ENTRY SIZE		C DIA REF		D MAX DIM	E MAX DIM	G MAX C DIA		F REF C DIA	
			02	03	02	03			02	03	02	03
9	A	.858 (21.8)	N/A	.250 (6.4)	N/A	.395 (10.0)	1.01 (25.7)	1.16 (29.5)	N/A	1.970 (50.0)	N/A	2.218 (56.3)
11	B	.984 (25.0)	N/A	.312 (7.9)	N/A	.457 (11.6)	1.03 (26.2)	1.19 (30.2)	N/A	2.033 (51.6)	N/A	2.281 (57.9)
13	C	1.157 (29.4)	.312 (7.9)	.438 (11.1)	.457 (11.6)	.583 (14.8)	1.06 (26.9)	1.21 (30.7)	2.077 (52.8)	2.122 (53.9)	2.325 (59.1)	2.370 (60.2)
15	D	1.279 (32.5)	.438 (11.1)	.562 (14.3)	.583 (14.8)	.707 (18.0)	1.08 (27.4)	1.24 (31.5)	2.163 (54.9)	2.207 (56.1)	2.411 (61.2)	2.455 (62.4)
17	E	1.406 (35.7)	.500 (12.7)	.625 (15.9)	.645 (16.4)	.770 (19.6)	1.11 (28.2)	1.26 (32.0)	2.229 (56.6)	2.273 (57.7)	2.477 (62.9)	2.521 (64.0)
19	F	1.516 (38.5)	.625 (15.9)	.750 (19.1)	.770 (19.6)	.895 (22.7)	1.12 (28.4)	1.27 (32.3)	2.290 (58.2)	2.334 (59.3)	2.538 (64.5)	2.582 (65.6)
21	G	1.642 (41.7)	.625 (15.9)	.812 (20.6)	.770 (19.6)	.957 (24.3)	1.15 (29.2)	1.30 (33.0)	2.341 (59.5)	2.408 (61.2)	2.589 (65.8)	2.656 (67.5)
23	H	1.768 (44.9)	.688 (17.5)	.938 (23.8)	.829 (21.1)	1.083 (27.5)	1.17 (29.7)	1.33 (33.8)	2.404 (61.1)	2.493 (63.3)	2.652 (67.4)	2.741 (69.6)
25	J	1.889 (48.0)	.750 (19.1)	1.000 (25.4)	.895 (22.7)	1.145 (29.1)	1.20 (30.5)	1.35 (34.3)	2.471 (62.8)	2.559 (65.0)	2.719 (69.1)	2.807 (71.3)

	AEROSPACE STANDARD		AS85049™/89 SHEET 2 OF 4	REV. E
	CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, 45°, SELF-LOCKING, SHIELD BAND TERMINATION (RFI/EMI), SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)			

