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REV.
E

AS85049™/90

FEDERAL SUPPLY CLASS
5970

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."

AS85049/90E 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.

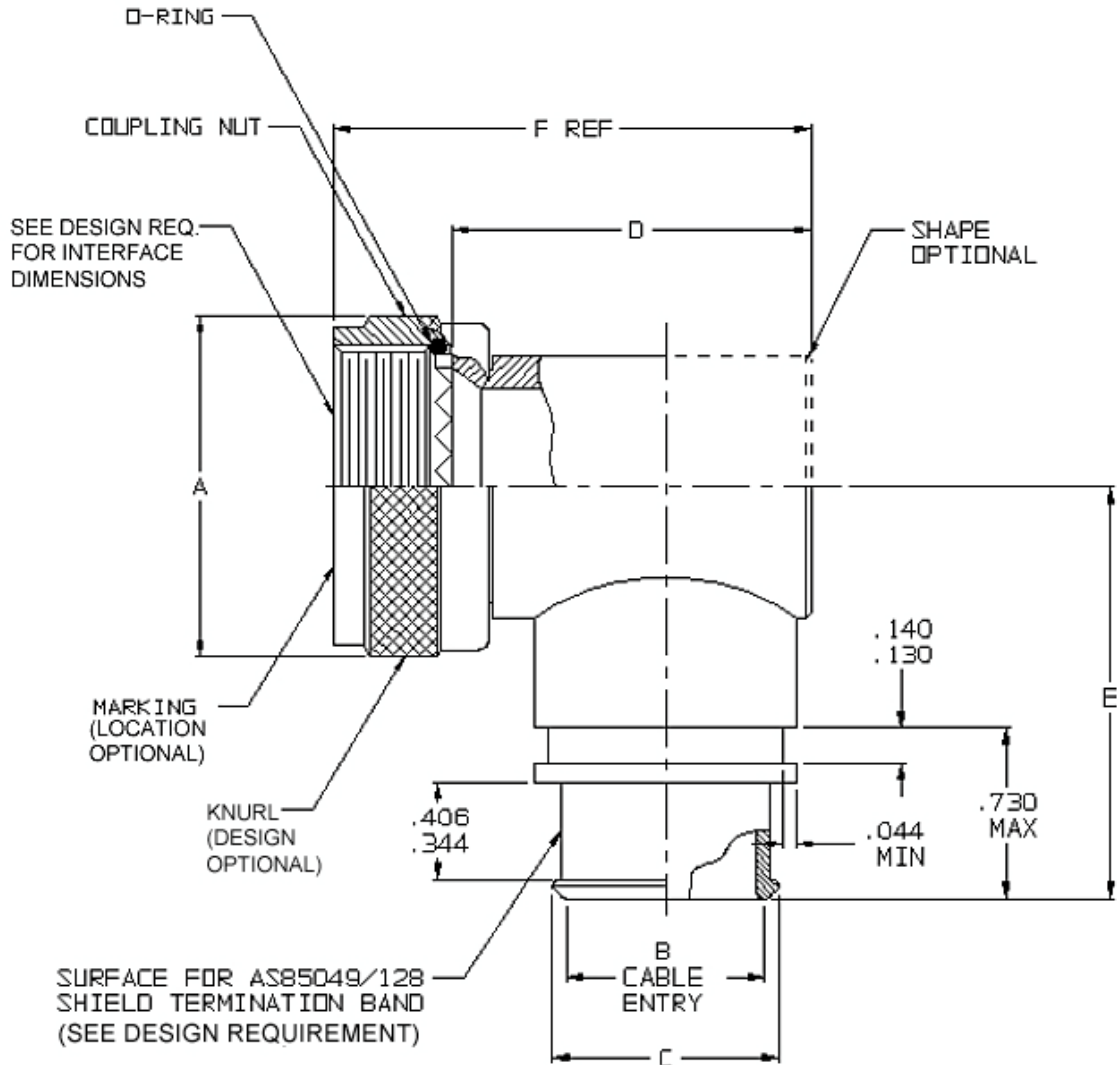
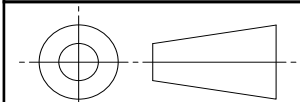


FIGURE 1 - ACCESSORY CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/90E/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

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

AS85049™/90
SHEET 1 OF 4

REV.
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Documents

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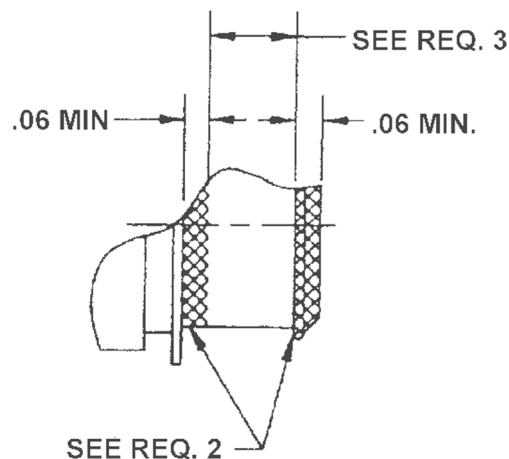


FIGURE 2 - SELECTIVE PLATING

TABLE 1 - FIGURES 1 AND 2 METRIC EQUIVALENTS

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

TABLE 2 - SHELL SIZE AND DIMENSIONS

ACCESSORY SHELL SIZE	SHELL SIZE CODE	A MAX DIA	B DIA +.025 (0.64) -.010 (0.25) ENTRY SIZE		C DIA REF		D MAX DIA	E MAX DIA	F (REF)
			02	03	02	03			
9	A	.858 (21.79)	N/A	.250 (6.35)	N/A	.395 (10.03)	1.375 (34.93)	1.417 (35.99)	1.623 (41.22)
11	B	.984 (24.99)	N/A	.312 (7.92)	N/A	.457 (11.61)	1.437 (36.50)	1.480 (37.59)	1.685 (42.80)
13	C	1.157 (29.39)	.312 (7.92)	.438 (11.13)	.457 (11.61)	.583 (14.81)	1.562 (39.67)	1.553 (39.45)	1.810 (45.97)
15	D	1.279 (32.49)	.438 (11.13)	.562 (14.27)	.583 (14.81)	.707 (17.96)	1.687 (42.85)	1.614 (41.00)	1.935 (49.15)
17	E	1.406 (35.71)	.500 (12.70)	.625 (15.88)	.645 (16.38)	.770 (19.56)	1.750 (44.45)	1.678 (42.62)	1.998 (50.75)
19	F	1.516 (38.51)	.625 (15.88)	.750 (19.05)	.770 (19.56)	.895 (22.73)	1.875 (47.63)	1.773 (45.03)	2.123 (53.92)
21	G	1.642 (41.71)	.625 (15.88)	.812 (20.62)	.770 (19.56)	.957 (24.31)	1.938 (49.23)	1.796 (45.62)	2.186 (55.52)
23	H	1.768 (44.91)	.688 (17.48)	.938 (23.83)	.829 (21.06)	1.083 (27.51)	2.062 (52.37)	1.859 (47.22)	2.310 (58.67)
25	J	1.889 (47.98)	.750 (19.05)	1.000 (25.40)	.895 (22.73)	1.145 (29.08)	2.125 (53.98)	1.919 (48.74)	2.373 (60.27)

	AEROSPACE STANDARD		AS85049™/90 SHEET 2 OF 4	REV. E 
	CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, 90°, SELF-LOCKING, SHIELD BAND TERMINATION, (RFI/EMI), SHRINK SLEEVE ACCOMMODATION, CATEGORY 3B (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)			

