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REV.
E

AS85049™/48

FEDERAL SUPPLY CLASS
5935

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO CLARIFY THE SECOND SENTENCE IN REQUIREMENT 1 REGARDING THE DIMENSIONS WHICH APPLY AFTER PLATING; IT NOW INDICATES "DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING, EXCEPT FOR THOSE DESIGNATED AS MATERIAL." ALSO, THE WORD "MATERIAL" WAS ADDED TO THE .020/.010 DIMENSION IN FIGURE 2.

NOTICE

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

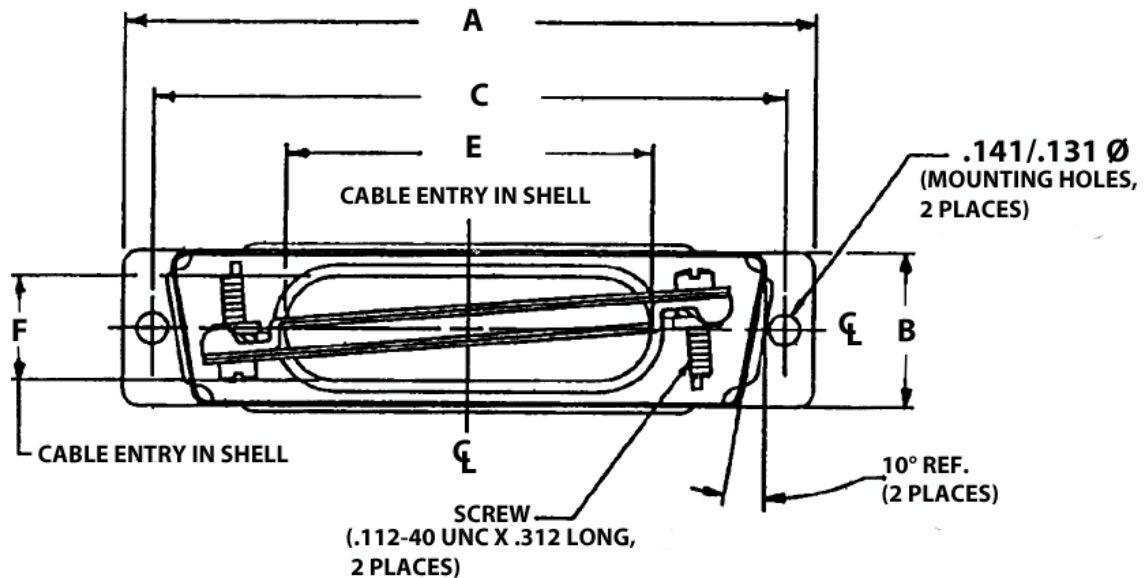
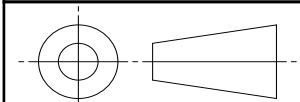


FIGURE 1 - ACCESSORY CONFIGURATIONS AND DIMENSIONS

For more information on this standard, visit

<https://www.sae.org/standards/content/AS85049/48E>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL
STRAIN RELIEF, STRAIGHT, CATEGORY 4C
(FOR MIL-DTL-24308 CONNECTORS)

AS85049™/48
SHEET 1 OF 9

REV.
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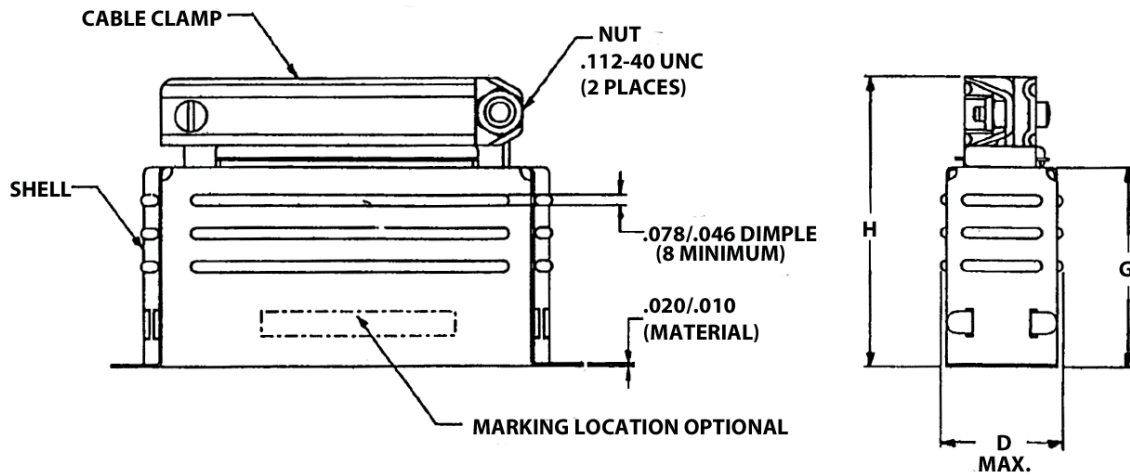


FIGURE 1 - ACCESSORY CONFIGURATIONS AND DIMENSIONS (CONTINUED)

TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.010	0.254	.046	1.17	.131	3.33	.312	7.92
.020	0.508	.078	1.98	.141	3.58		

TABLE 2 - FIGURE 1 DIMENSIONS

PART OR IDENTIFYING NUMBER (PIN)		SHELL SIZE	A	B	C	D	E	F	G	H
STEEL	NONMAGNETIC (BRASS)									
M85049/48-1-1	M85049/48-1-6	1	1.218 (30.94) 1.188 (30.18)		.989 (25.12) .979 (24.87)		.390 (9.91) .360 (9.14)	.390 (9.91) .360 (9.14)	.765 (19.43) .735 (18.67)	1.250 (31.75) 1.187 (30.15)
M85049/48-1-2	M85049/48-1-7	2	1.546 (39.27) 1.516 (38.51)	.514 (13.06) .469 (11.91)	1.317 (33.45) 1.307 (33.20)	.578 (14.68) MAX	.728 (18.49) .698 (17.73)			
M85049/48-1-3	M85049/48-1-8	3	2.093 (53.16) 2.063 (52.40)		1.857 (47.17) 1.847 (46.91)		1.015 (25.78) .985 (25.02)	.327 (8.31) .297 (7.54)	1.015 (25.78) .985 (25.02)	1.563 (39.70) 1.500 (38.10)
M85049/48-1-4	M85049/48-1-9	4	2.733 (69.42) 2.703 (68.66)		2.505 (63.62) 2.495 (63.37)		1.390 (35.31) 1.360 (34.54)			
M85049/48-1-5	M85049/48-1-10	5	2.640 (67.06) 2.610 (66.29)	.623 (15.82) .578 (14.68)	2.411 (61.24) 2.401 (60.99)	.687 (17.45) MAX	1.421 (36.09) 1.391 (35.33)	.421 (10.69) .391 (9.93)	1.140 (28.96) 1.110 (28.19)	1.688 (42.88) 1.625 (41.28)

	AEROSPACE STANDARD	AS85049™/48 SHEET 2 OF 8 	REV. F
	CONNECTOR ACCESSORIES, ELECTRICAL STRAIN RELIEF, STRAIGHT, CATEGORY 4C (FOR MIL-DTL-24308 CONNECTORS)		



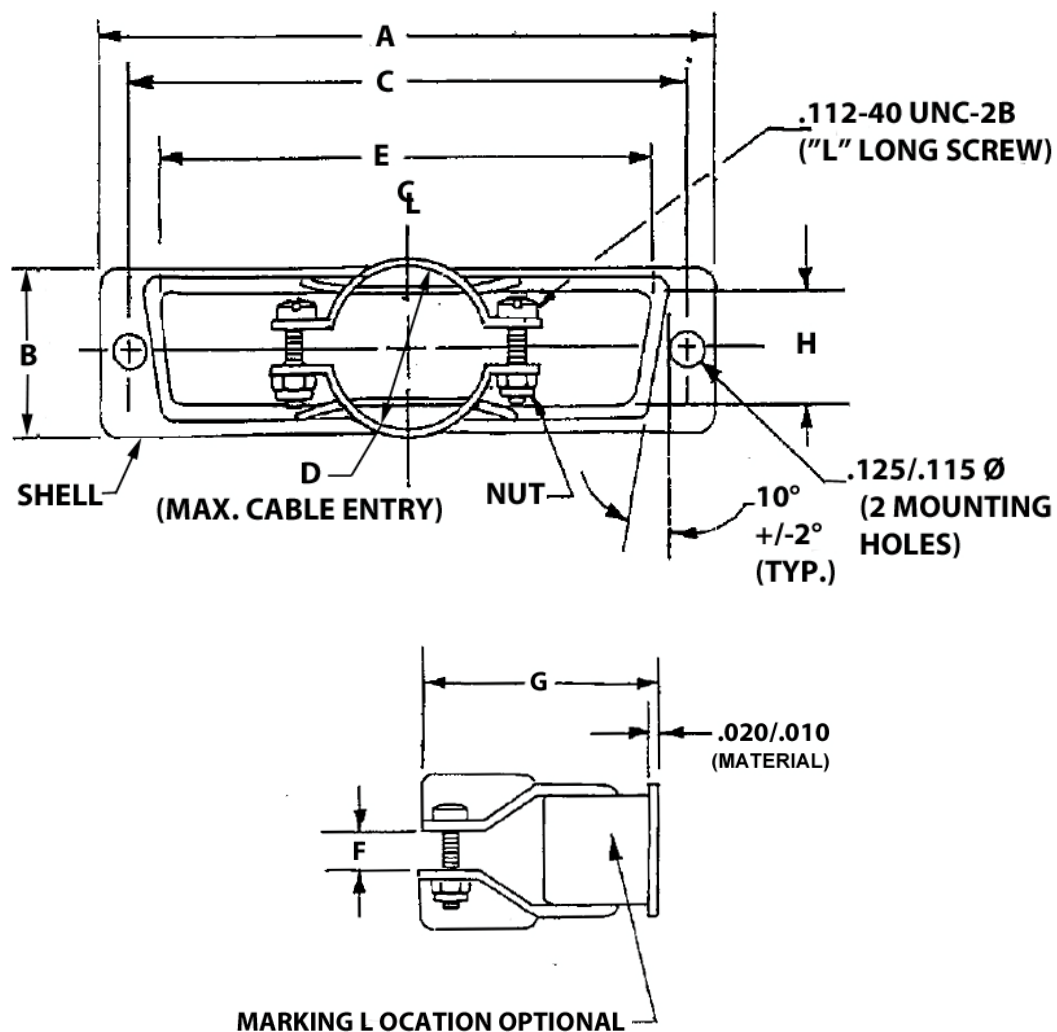


FIGURE 2 - ACCESSORY CONFIGURATIONS AND DIMENSIONS

TABLE 3 - FIGURE 2 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS
.010	0.254	.115	2.92
.020	0.508	.125	3.18