

SAE Executive Standards Committee Rules provide that: " This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

**REV.
B**

AS85049™/64

FEDERAL SUPPLY CLASS
5935

RATIONALE

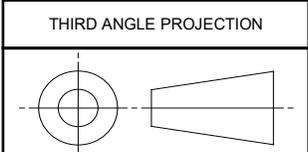
AS85049/64 IS RECOMMENDED FOR STABILIZATION BECAUSE THE PROCESSES/PRODUCT IS CONSIDERED MATURE AND THE COMMITTEE DOES NOT ANTICIPATE FUTURE TECHNICAL CHANGES. NO QPL SOURCE IS CURRENTLY AVAILABLE AND USAGE IS ESTIMATED TO BE LOW. ANY TECHNICAL CHANGES NOTED WHICH RESULT IN A PRODUCT OR REQUIREMENT CHANGE WILL BE ADDRESSED BY A NEW REVISION.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE AE-8C1 CONNECTORS COMMITTEE AND WILL NO LONGER BE SUBJECT TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

SAENORM.COM : Click to view the full PDF of as85049_64b

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/64B/>



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD
 CONNECTOR ACCESSORIES, ELECTRICAL,
 STRAIN RELIEF, SPLIT, STRAIGHT, CATEGORY 4C
 (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)

AS85049™/64

**REV.
B**

ISSUED 2000-05 REVISED 2012-01 REAFFIRMED 2017-02 STABILIZED 2021-10

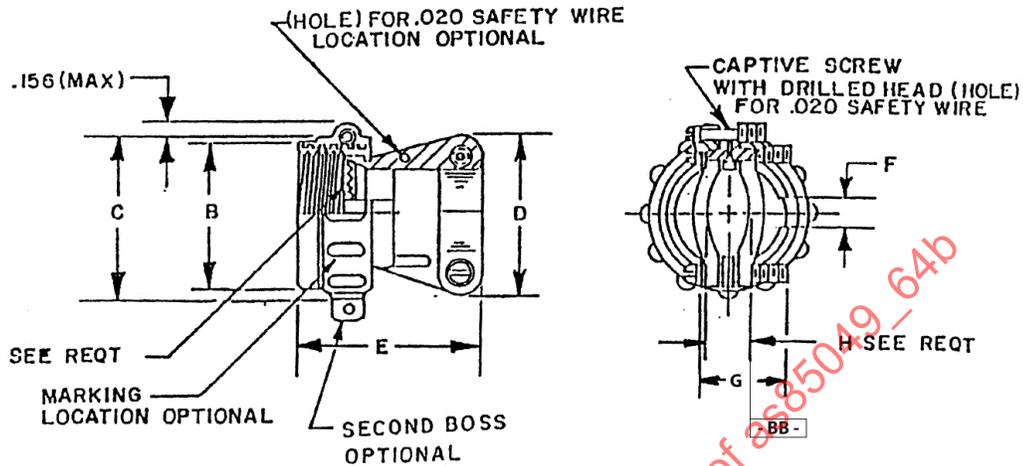


FIGURE 1 – DIMENSIONS AND CONFIGURATION

TABLE 1 – ACCESSORY DIMENSIONS

ACCESSORY SHELL SIZE	FITS CONNECTOR SHELL SIZE		B +.000/-0.062	C MAX. DIA.	D MAX. DIA.	E MAX. DIA.	F MIN SLOT	G ± .032 SCREW LENGTH	SCREW SIZE	H WIRE BUNDLE ACCOMMODATION	
	SERIES II	SERIES I								MIN.	MAX.
8	8	9	.562 (14.3)	.75 (19.1)	.85 (21.6)	1.10 (27.9)	.125 (3.18)	.625 (15.9)	6-32	.098 (2.49)	.234 (5.94)
10	10	11	.688 (17.5)	.85 (21.6)	.90 (22.9)	1.10 (27.9)	.125 (3.18)	.625 (15.9)	6-32	.153 (3.87)	.234 (5.94)
12	12	13	.812 (20.6)	1.00 (25.4)	1.10 (27.9)	1.20 (30.4)	.188 (4.78)	.625 (15.9)	6-32	.190 (4.83)	.328 (8.33)
14	14	15	.938 (23.8)	1.10 (27.9)	1.15 (29.2)	1.25 (31.8)	.188 (4.78)	.750 (19.1)	6-32	.260 (6.60)	.457 (11.61)
16	16	17	1.062 (27.0)	1.25 (31.8)	1.30 (33.0)	1.35 (34.2)	.188 (4.78)	.750 (19.1)	6-32	.283 (71.9)	.614 (15.60)
18	18	19	1.188 (30.2)	1.40 (35.6)	1.50 (38.1)	1.60 (40.6)	.250 (6.35)	.750 (19.1)	8-32	.325 (8.26)	.634 (16.10)
20	20	21	1.312 (33.3)	1.50 (38.1)	1.60 (40.5)	1.70 (43.1)	.250 (6.35)	.875 (22.2)	8-32	.343 (8.71)	.698 (17.73)
22	22	23	1.438 (36.5)	1.65 (41.9)	1.70 (43.2)	1.85 (47.0)	.312 (7.92)	1.000 (25.4)	8-32	.381 (9.68)	.823 (20.90)
24	24	25	1.562 (39.7)	1.75 (44.4)	1.80 (45.7)	1.95 (49.5)	.312 (7.92)	1.125 (28.6)	8-32	.418 (10.62)	.853 (21.66)



AEROSPACE STANDARD
 CONNECTOR ACCESSORIES, ELECTRICAL,
 STRAIN RELIEF, SPLIT, STRAIGHT, CATEGORY 4C
 (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)

AS85049™/64
 SHEET 1 OF 2

**REV.
 B**