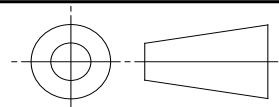


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REV. B	FEDERAL SUPPLY CLASS 5935	
	RATIONALE AS85049/65 IS RECOMMENDED FOR STABILIZATION BECAUSE THE PROCESSES/PRODUCT IS CONSIDERED MATURE AND THE COMMITTEE DOES NOT ANTICIPATE FUTURE TECHNICAL CHANGES. NO QPL SOURCE IS CURRENTLY AVAILABLE AND USAGE 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 SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.	
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For more information on this standard, visit https://www.sae.org/standards/content/AS85049/65B		THIRD ANGLE PROJECTION 
CUSTODIAN: AE-8C1		PROCUREMENT SPECIFICATION: AS85049
	AEROSPACE STANDARD CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, SPLIT, 90 DEGREE, CATEGORY 4C (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)	AS85049™/65 REV. B

THE REQUIREMENTS FOR ACQUIRING THE ACCESSORIES DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS85049.

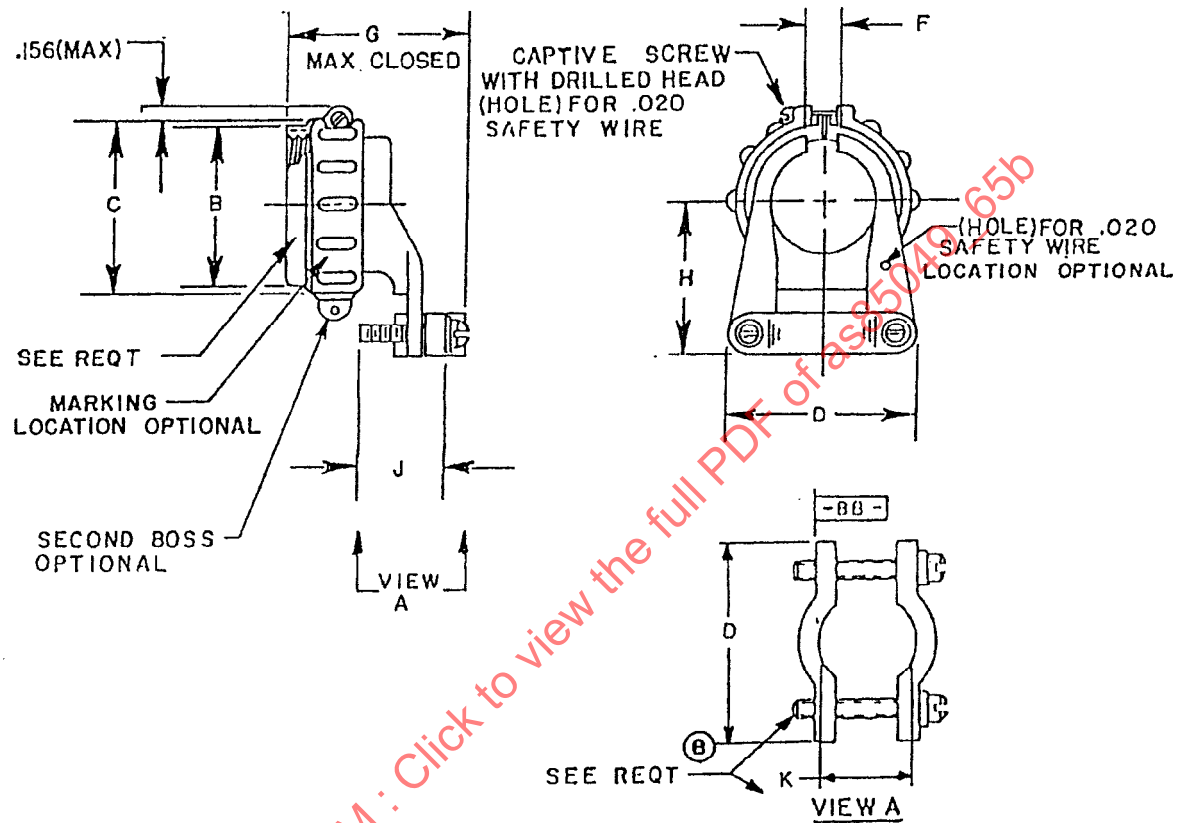


FIGURE 1 – DIMENSIONS AND CONFIGURATION

	AEROSPACE STANDARD	AS85049™/65 SHEET 1 OF 3	REV. B
	CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, SPLIT, 90 DEGREE, CATEGORY 4C (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)		

TABLE 1 – CONNECTOR ACCESSORY DIMENSIONS

ACCESSORY SHELL SIZE	FITS CONNECTOR SHELL SIZE		B DIA. +.000/- .062	C MAX. DIA.	D MAX.	F MIN SLOT	G MAX.	H MAX.	J ±.032 SCREW LENGTH	SCREW SIZE	H WIRE BUNDLE ACCOMMODATION	
	SERIES II	SERIES I									MIN.	MAX.
8	8	9	.562 (14.3)	.688 (17.5)	.85 (21.6)	.125 (3.18)	1.20 (30.4)	1.00 (25.4)	.625 (15.9)	6-32	.098 (2.49)	.234 (5.94)
10	10	11	.688 (17.5)	.812 (20.6)	.90 (22.9)	.125 (3.18)	1.20 (30.4)	1.10 (27.9)	.625 (15.9)	6-32	.153 (3.87)	.234 (5.94)
12	12	13	.812 (20.6)	.938 (23.8)	1.10 (27.9)	.188 (4.78)	1.40 (35.6)	1.10 (27.9)	.625 (15.9)	6-32	.190 (4.83)	.328 (8.33)
14	14	15	.938 (23.8)	1.062 (27.0)	1.15 (29.2)	.188 (4.78)	1.45 (36.8)	1.25 (31.8)	.750 (19.1)	6-32	.260 (6.60)	.457 (11.61)
16	16	17	1.062 (27.0)	1.188 (30.2)	1.30 (33.0)	.188 (4.78)	1.60 (40.6)	1.30 (33.0)	.750 (19.1)	6-32	.283 (71.9)	.614 (15.60)
18	18	19	1.188 (30.2)	1.312 (33.3)	1.50 (38.1)	.250 (6.35)	1.70 (43.1)	1.35 (34.2)	.750 (19.1)	8-32	.325 (8.26)	.634 (16.10)
20	20	21	1.312 (33.3)	1.438 (36.5)	1.60 (40.5)	.250 (6.35)	1.85 (47.0)	1.60 (40.6)	.875 (22.2)	8-32	.343 (8.71)	.698 (17.73)
22	22	23	1.438 (36.5)	1.562 (39.7)	1.70 (43.2)	.312 (7.92)	1.95 (49.5)	1.75 (44.4)	1.000 (25.4)	8-32	.381 (9.68)	.823 (20.90)
24	24	25	1.562 (39.7)	1.688 (42.9)	1.80 (45.7)	.312 (7.92)	2.10 (53.3)	1.85 (47.0)	1.125 (28.6)	8-32	.418 (10.62)	.853 (21.66)

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS85049.

1. DESIGN:

CONNECTOR ACCESSORIES SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 1. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING. METRIC EQUIVALENTS ARE GIVEN FOR INFORMATION PURPOSES ONLY. THIS ACCESSORY WILL NOT ACCOMMODATE CONNECTORS USING SIZE 8, 4 AND 0 CONTACTS. INTERFACE DIMENSIONS SHALL CONFORM TO MIL-DTL-38999, SERIES I AND II. CLAMPS SHALL HAVE NO PROTRUSION OR SHARP EDGES WHICH MAY PINCH CABLE. IN THE ASSEMBLED MODE, THE COUPLING NUT SHALL BE CAPTIVATED TO THE ADAPTER BODY AND FREE TO ROTATE. FIGURE 1 DIMENSION "H" MAXIMUM IS APPLICABLE WHEN THE END OF THE SCREW IS FLUSH WITH DATUM "BB" OR A MAXIMUM OF TWO SCREW THREADS PROTRUDE.

2. MATERIAL:

COUPLING NUT, RING, CLAMP, SADDLE BARS: ALUMINUM ALLOY IN ACCORDANCE WITH AS85049.

FASTENERS: 300 SERIES CORROSION RESISTANT STEEL, PASSIVATED.

3. FINISH: IN ACCORDANCE WITH AS845049.

ALUMINUM COMPONENTS: 1/ N, 2/ W, X, Y, 2/ Z.

1/ N FINISH NOT FOR NAVY USE. RESTRICTED TO AIR FORCE SPACE APPLICATIONS ONLY.

2/ W AND Z FINISH NOT FOR USE IN SPACE APPLICATIONS.

4. PART NUMBER: SEE EXAMPLE BELOW:

M85049/ 65 -10 W

BASIC PART NUMBER _____

SPECIFICATION SHEET _____

ACCESSORY SHELL SIZE (SEE TABLE 1) _____

FINISH _____

	AEROSPACE STANDARD	AS85049™/65 SHEET 2 OF 3	REV. B
	CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, SPLIT, 90 DEGREE, CATEGORY 4C (FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)		