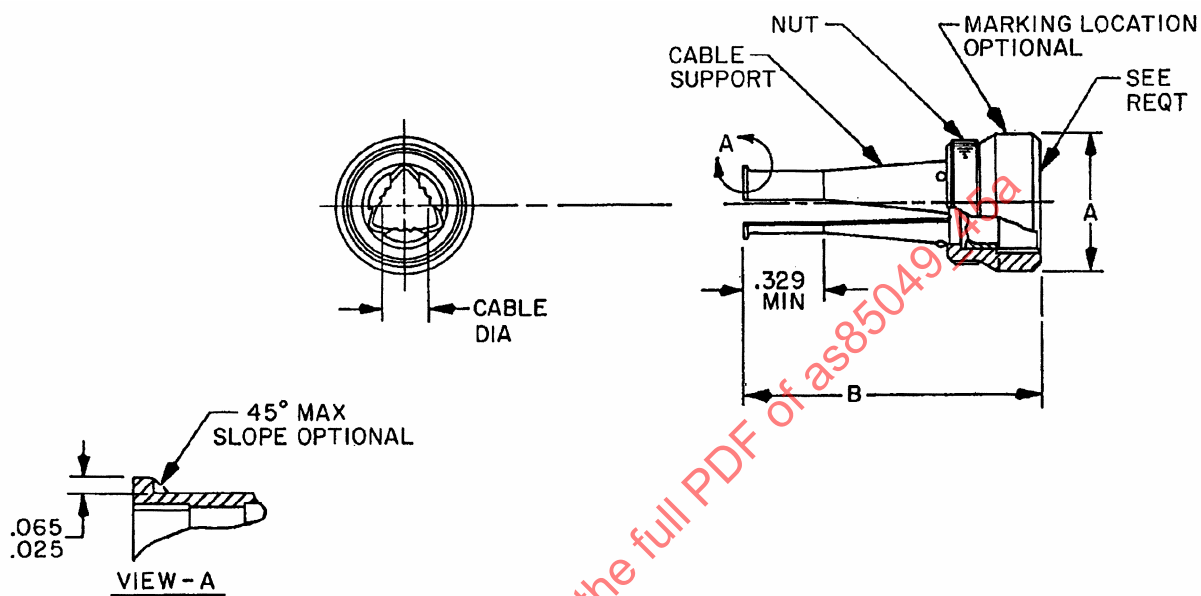


REV.
AFEDERAL SUPPLY CLASS
5935

AS85049/45

INACTIVE FOR AIR FORCE AND NAVY NEW DESIGN EQUIPMENT OR MODIFICATION OF EXISTING EQUIPMENT.

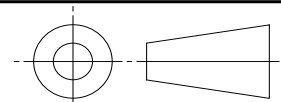
THE COMPLETE REQUIREMENTS FOR ACQUIRING THE ACCESSORIES DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS85049.



DASH NUMBER	SHELL SIZE		A MAX	B MAX	CABLE DIAMETER	
	SERIES II	SERIES I			MIN	MAX
8	8	9	.578	1.344	.094	.203
10	10	11	.703	1.344	.141	.250
12	12	13	.828	1.344	.172	.323
14	14	15	.953	1.344	.203	.422
16	16	17	1.078	1.344	.234	.500
18	18	19	1.203	1.344	.265	.562
20	20	21	1.328	1.422	.297	.625
22	22	23	1.453	1.422	.328	.703
24	24	25	1.578	1.422	.359	.765

FIGURE 1 - CONFIGURATIONS AND DIMENSIONS

THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

SAE Aerospace
An SAE International Group**AEROSPACE STANDARD**CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF,
STRAIGHT, NONMETALLIC, CATEGORY 4C
(FOR MIL-C-27599 SERIES I AND MIL-DTL-38999
SERIES I AND II CONNECTORS)**AS85049/45**
SHEET 1 OF 4**REV.**
A

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ISSUED 2000-05 REVISED 2004-06

INCH	mm	INCH	mm	INCH	mm	INCH	mm
.015	.38	.250	6.35	.500	12.70	1.000	25.40
.035	.89	.265	6.73	.562	14.27	1.078	27.38
.065	1.65	.297	7.54	.578	14.68	1.203	30.56
.094	2.39	.323	8.20	.625	15.88	1.328	33.73
.141	3.58	.328	8.33	.688	17.48	1.344	34.14
.172	4.37	.329	8.36	.703	17.86	1.392	35.36
.200	5.08	.344	8.74	.765	19.43	1.422	36.12
.203	5.16	.359	9.12	.828	21.03	1.453	36.91
.234	5.91	.422	10.72	.953	24.21	1.578	40.08

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1.00 INCH = 25.4 MM.
3. DIMENSIONS APPLY AFTER PLATING

FIGURE 1 - CONFIGURATIONS AND DIMENSIONS (CONTINUED)

REQUIREMENTS:

DESIGN AND CONSTRUCTION:

DIMENSIONS AND CONFIGURATION: SEE FIGURE 1.

INTERFACE DIMENSIONS SHALL CONFORM TO AS85049 FIGURE 2.

MATERIAL:

NUT: ALUMINUM ALLOY IN ACCORDANCE WITH AS85049.

CABLE SUPPORT: NONMETALLIC.

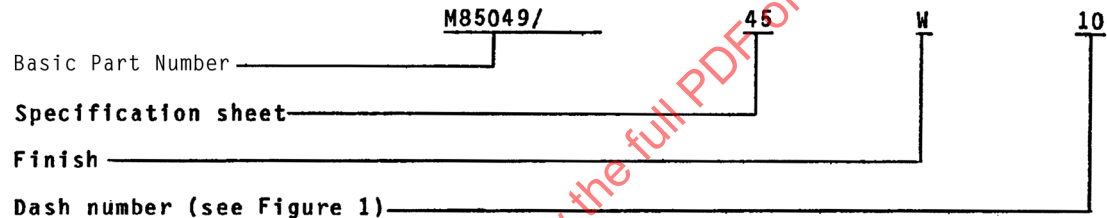
FINISH; NUT: A, W.

TEMPERATURE RATING:

- 65 TO +250 °F CONTINUOUS.
- +345 °F FOR 10 MINUTE INTERVALS.
- +420 °F FOR 1 MINUTE INTERVALS.
- ESTIMATE CUMULATIVE LIFE, 24 HOURS AT 345 °F AND 7 HOURS AT 420 °F.

POSITION OF SLOTS RELATIVE TO OPPOSITE OPENING IS OPTIONAL.

PART NUMBER: SEE EXAMPLE BELOW:



QUALIFICATION:

SEE AS85049, CATEGORY 4C.

BENDING MOMENT NOT APPLICABLE.

QUALIFICATION IS REQUIRED FOR U.S. GOVERNMENT PROCUREMENT. THE QPL EVALUATING ACTIVITY, FOR U.S. DEPARTMENT OF DEFENSE PROCUREMENT PURPOSES, NAVAL AIR SYSTEMS COMMAND (CODE 4.4.4.3), 22229 ELMER ROAD, BUILDING 2360, PATUXENT RIVER, MD 20670.

SUPERSESION DATA:

