

REV.
A

AS85049/93

FEDERAL SUPPLY CLASS
5935

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

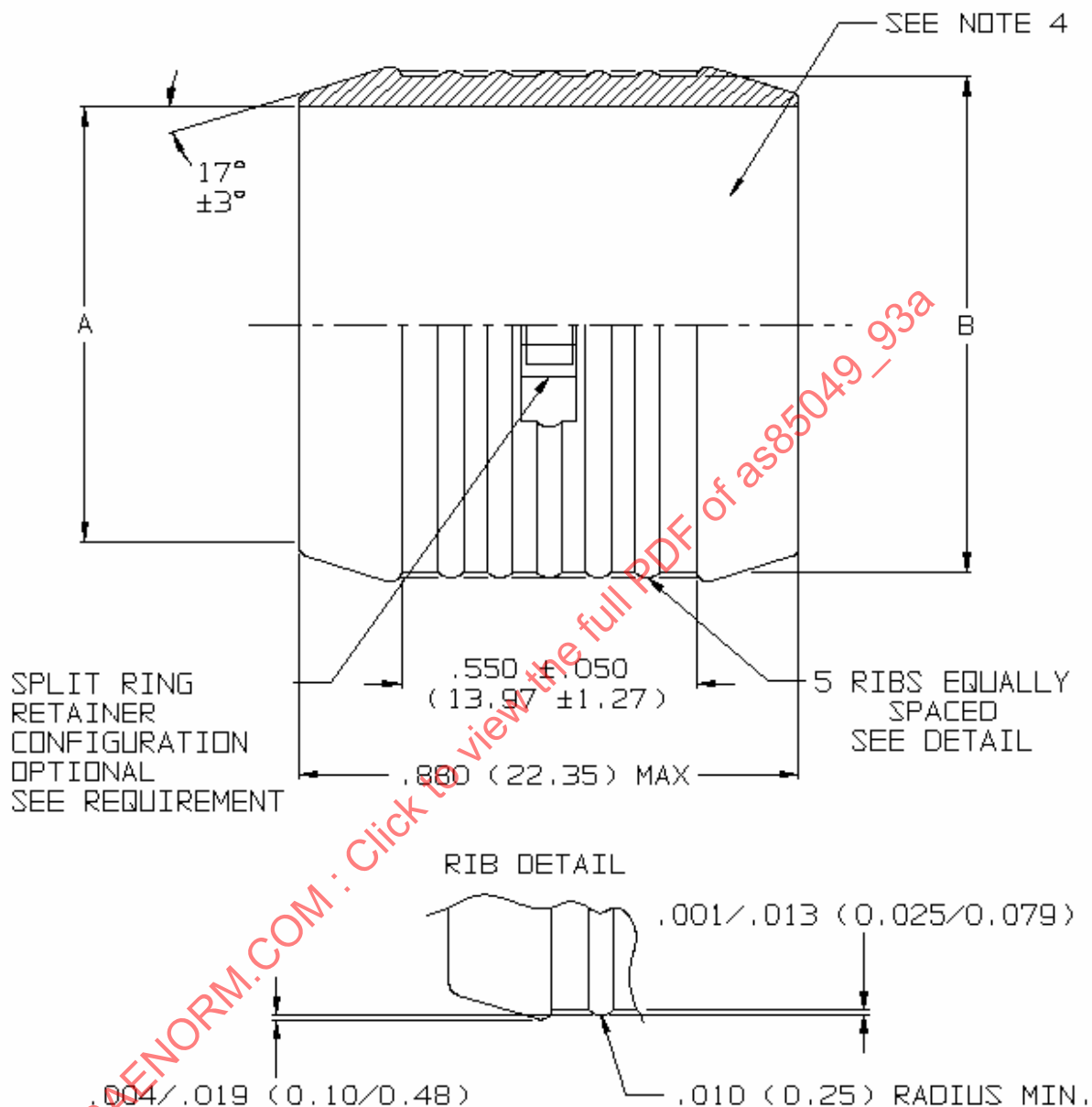
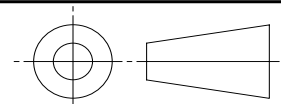


FIGURE 1 - CONFIGURATION AND DIMENSIONS

| MM | INCH |
|-------|------|
| 1.27 | .050 |
| 13.97 | .550 |
| 22.35 | .880 |

THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

SAE Aerospace
An SAE International Group**AEROSPACE STANDARD**

CONNECTOR ACCESSORIES, ELECTRICAL,
TERMINATION, SHIELD SPLIT SUPPORT RING,
COMPOSITE, NONENVIRONMENTAL,
STRAIGHT, CATEGORY 7

AS85049/93
SHEET 1 OF 5**REV.
A**

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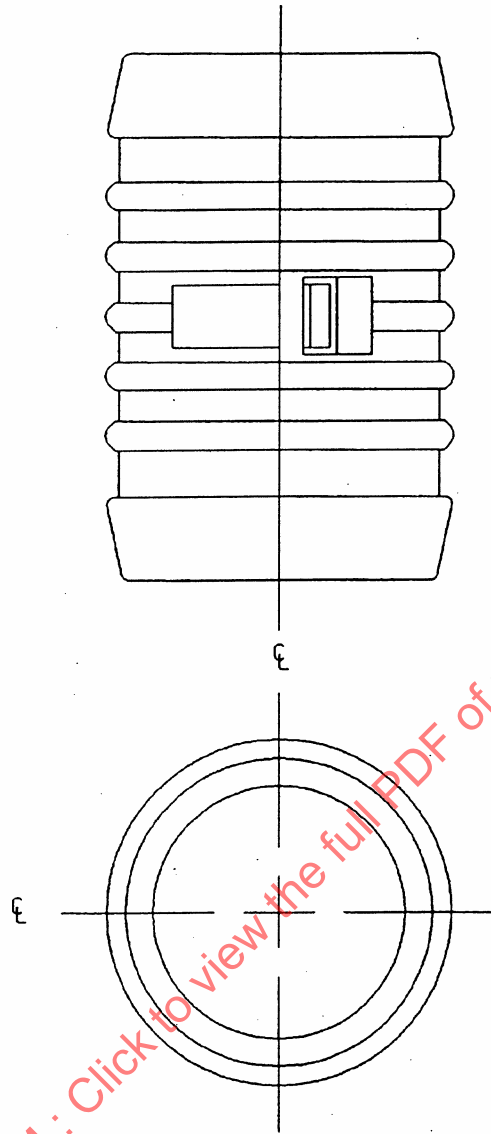


FIGURE 1 - CONFIGURATION AND DIMENSIONS (CONTINUED)

TABLE 1 - DIMENSIONS

| DASH NUMBER | A .0100 DIA (±0.254) | B DIA MAX | DIAMETER RANGE 1/ |
|----------------|-------------------------------|-----------------|----------------------|
| 04 | .250 (6.35) | .390 (9.9) | SMALL |
| 06 | .375 (9.52) | .515 (13.1) | |
| 08 | .500 (12.70) | .640 (16.3) | |
| 10 | .625 (15.88) | .770 (19.6) | |
| 12 | .750 (19.05) | .903 (22.9) | MEDIUM |
| 14 | .875 (22.22) | 1.094 (26.5) | |
| 16 | 1.000 (25.40) | 1.173 (29.8) | |
| 18 | 1.125 (28.58) | 1.310 (33.3) | |
| 20 | 1.250 (31.75) | 1.447 (36.8) | LARGE |
| 22 | 1.375 (34.92) | 1.578 (40.1) | |
| 24 | 1.500 (38.10) | 1.703 (43.3) | |
| 26 | 1.625 (41.28) | 1.828 (46.4) | |
| 28 | 1.750 (44.45) | 1.953 (49.6) | |

1/ SEE QUALIFICATION NOTE

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 25.4 mm = 1 INCH
3. MILLIMETERS ARE IN PARENTHESIS.
4. INTERIOR FEATURES ARE SHOWN FOR PICTORIAL REPRESENTATION ONLY; THEIR DIMENSIONS OR ACTUAL NUMBER OF PLACES USED THEREON ARE NOT CONTROLLED IN SO FAR AS ALL PERFORMANCE REQUIREMENTS ARE MET.

REQUIREMENTS:

DESIGN AND CONSTRUCTION:

DIMENSIONS AND CONFIGURATION: SHALL BE IN ACCORDANCE WITH FIGURE 1.

FIGURE 1 CONSISTS OF TWO SPLIT RING HALVES. THE SPLIT RING CONSTRUCTION SHALL HAVE IDENTICAL, INTERCHANGEABLE HALVES WHICH SNAP TOGETHER MANUALLY AND RETAIN THEMSELVES ABOUT A CABLE OR CABLE HARNESS WITHOUT DISENGAGING.

THE INDIVIDUAL OR OVERALL WIRE OR CABLE SHIELDING SHALL BE RETAINED ABOUT THE SPLIT RING USING THE APPROPRIATE BAND SHIELD TERMINATION.

THE SPLIT RING SHALL BE CONSTRUCTED SUCH THAT AFTER TERMINATION OF THE INDIVIDUAL OR OVERALL WIRE OR CABLE SHIELDING THERE SHALL BE NO SLIPPAGE AS A RESULT OF THE SPLIT RING CONSTRUCTION.

MATERIAL:

COMPOSITE, NONCONDUCTIVE, CORROSION RESISTANT IN ACCORDANCE WITH AS85049.
COLOR IS NATURAL.

MARKING: IN ACCORDANCE WITH MIL-STD-1285 AND AS FOLLOWS:

PART OR IDENTIFYING NUMBER (PIN):

| | | | | |
|---------------------|----------|----|---|----|
| | AS85049/ | 93 | - | 14 |
| Military designator | | | | |
| Specification sheet | | | | |
| Dash number | | | | |

QUALIFICATION: SEE AS85049, CATEGORY 7, WITH THE FOLLOWING ADDITIONS:

- a. SALT SPRAY (CORROSION): MATERIAL SHALL BE SUBJECTED FOR A DURATION OF 2,000 HOURS. MATERIAL SHALL SHOW NO CORROSION WHICH COULD AFFECT THE PERFORMANCE. TEST METHOD IN ACCORDANCE WITH AS85049.

SAMPLE: THE SAMPLE SHOULD BE JOINED TOGETHER FOR THE SALT SPRAY TEST.

- b. TEMPERATURE CYCLING: IN ACCORDANCE WITH AS85049. THERE SHALL BE NO VISIBLE CRACKS NOR LOOSENING OF PARTS.

SAMPLE: THE SAMPLE SHOULD BE BANDED TOGETHER WITH AN AS85049/128 BAND.

- c. SPLIT RING RETENTION: DEVICE SHALL WITHSTAND A PERPENDICULAR PULL FORCE OF 2 POUNDS FOR 5 MINUTES WITHOUT THE RETENTION DEVICE DISENGAGING.

- d. EACH SAMPLE MUST WITHSTAND 3 BAND TERMINATIONS USING AN AS85049/128 TOOL/BAND SYSTEM CAPABLE OF INSTALLING A BAND WITH A MINIMUM OF 140 ± 20 POUND PULL FORCE.

- e. QUALIFICATION TEST SPECIMENS: TEST SPECIMENS SHALL CONSIST OF TWO SAMPLES FROM EACH DIAMETER RANGE (SEE TABLE 1).

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), 48142 SHAW ROAD, BLDG. 3197, SUITE E, PATUXENT RIVER, MD 20670.