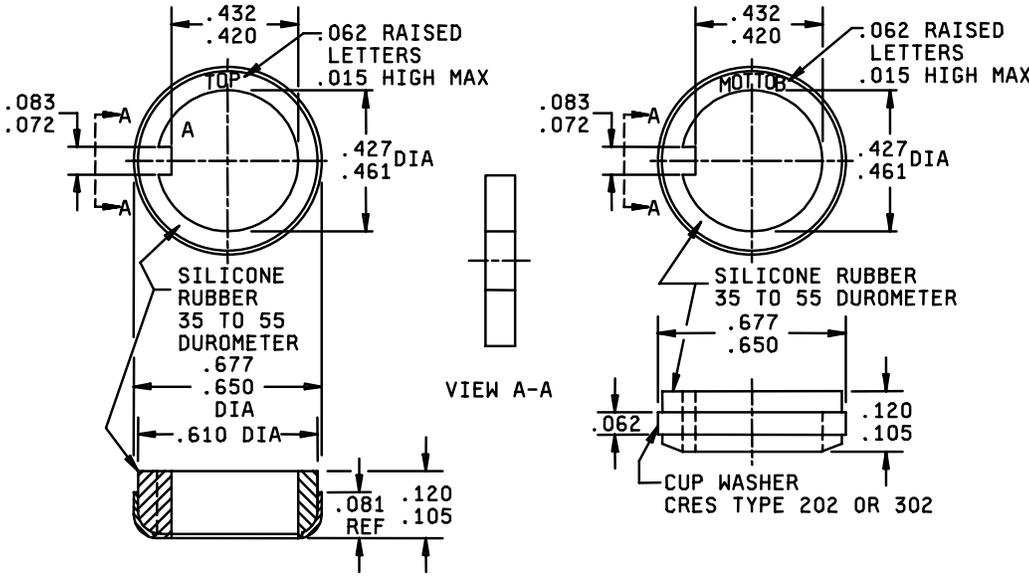


DETAIL SPECIFICATION SHEET

BOOT, DUST AND WATER SEAL, BUSHING SEAL, TYPE A
(FOR TOGGLE SWITCH 0.469 DIAMETER) STYLE 10 (PANEL BUSHING SEAL ONLY)

This specification forms a part of MIL-DTL-5423, dated 5 April 2002, and is approved for use by all Departments and Agencies of the Department of Defense.

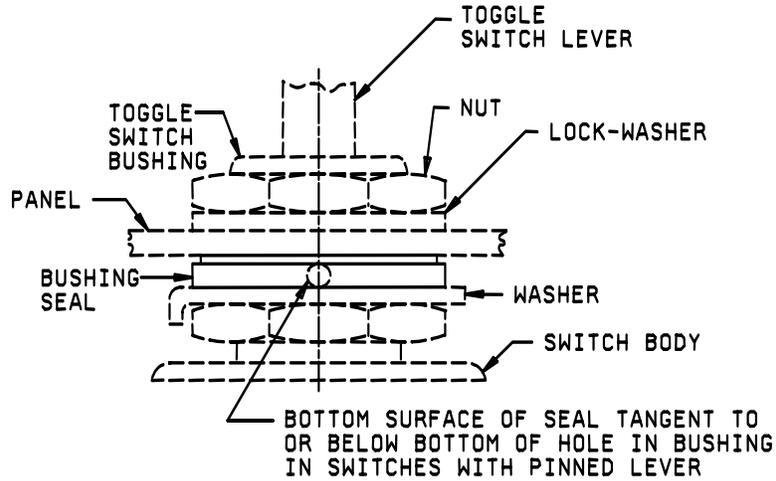
The requirements for acquiring the product described herein shall consist of this specification and MIL-DTL-5423.



ALTERNATE CONFIGURATION

BOTH VERSIONS ARE ACCEPTABLE AND ARE MUTUALLY INTERCHANGEABLE PROVIDED THEY MEET THE SPECIFIED REQUIREMENTS

FIGURE 1. Dimensions and configuration boots type A, style 10.



DETAIL OF BUSHING SEAL ASSEMBLY

Inches	mm	Inches	mm
.015	0.38	.420	10.67
.062	1.57	.432	10.97
.072	1.83	.461	11.71
.083	2.11	.472	11.99
.105	2.67	.650	16.51
.120	3.05	.677	17.20

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are $\pm .15$ (0.38 mm) for three place decimals.
4. This seal is intended for use with toggle switches per MIL-DTL-3950, MIL-DTL-8834, and MIL-DTL-83731.
5. Bushing seal to be assembled so that surface marked "Top" is up, or "Bottom" is down.

FIGURE 1. Dimensions and configuration boots type A, style 10 – Continued.

REQUIREMENTS

Dimensions and configuration: See figure 1.

Silicon rubber: Grade 50.

Watertightness: The boot (bushing seal) shall be assembled to the test enclosure using a solid bushing of dimensions equivalent to a bushing of an applicable switch (including the non-turn notch). The solid bushing and bushing seal shall be assembled per figure I. The test shall be conducted in accordance with the "Final" watertightness test of MIL-DTL-5423, except that the pressure shall be limited to 6 pounds-force per square inch gauge, external pressure only, and no operations are required. At the conclusion of this procedure, the test enclosure shall be examined in the bushing area for evidence of water leakage.

The following tests are not required: Restoring force, durability, sand and dust, vibration, salt spray, endurance and lubricant.

Part or Identifying Number (PIN): M5423/16-01

Custodians:

Army - CR
Navy - AS
Air Force - 11
DLA - CC

Preparing activity:

DLA - CC

(Project 5930-1735-12)

Review activities:

Army – AT, AV, CR4, MI
Navy – CG, EC, MC, OS
Air Force - 99