

DETAIL SPECIFICATION SHEET

BOOT, DUST AND WATER SEAL, TYPE D (FOR LEVER
OPERATED CIRCUIT BREAKERS), STYLE 1 (PANEL MOUNTED WITHOUT MOUNTING FRAME)

This specification sheet 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 sheet and [MIL-DTL-5423](#).

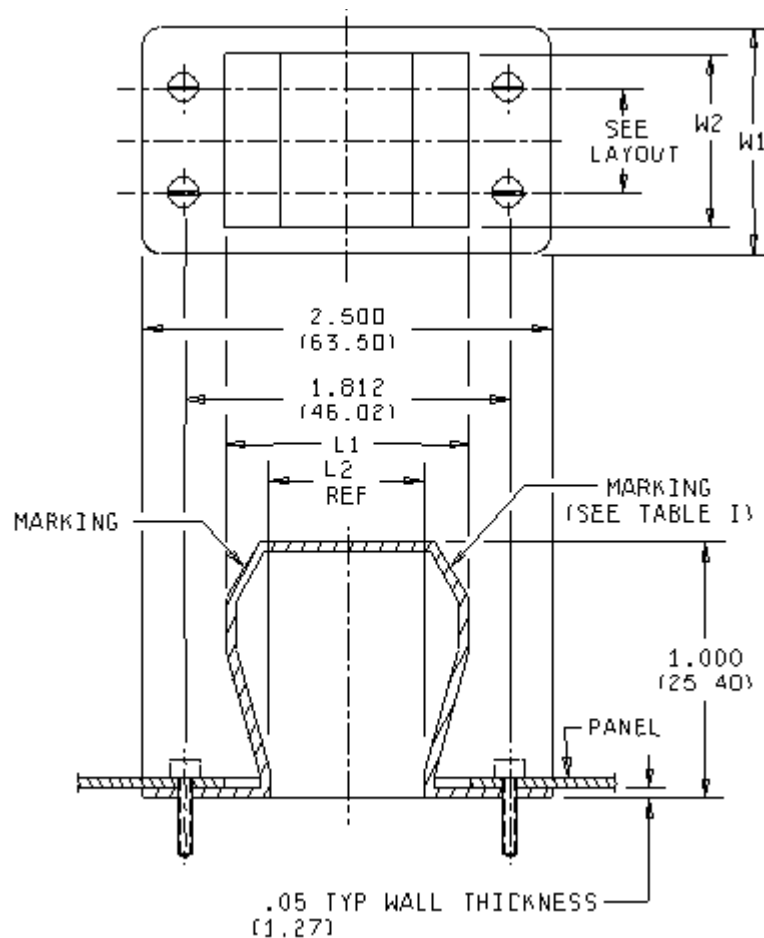
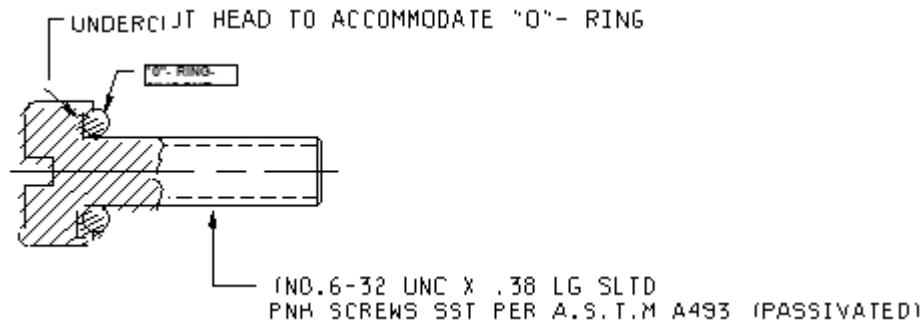
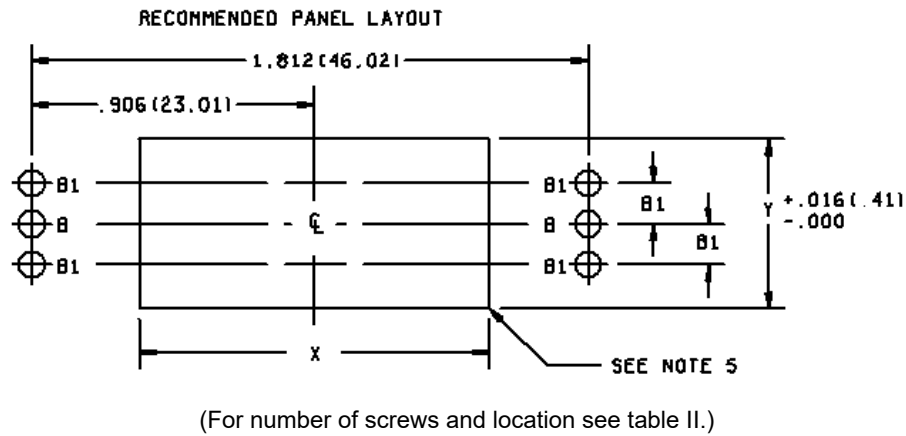


FIGURE 1. Dimensions and configuration boots type D, style 1.



**NOTES:**

1. Dimensions are in inches.
2. DELETED.
3. Unless otherwise specified, tolerances are $\pm .02$ for two place decimals and $\pm .031$ for three place decimals.
4. The number of mounting screws shall be supplied as indicated.
5. Edges shall be smooth and free from burrs.

FIGURE 1. Dimensions and configuration boots type D, style 1 - Continued.

REQUIREMENTS

Dimensions and configuration: See figure 1.

Silicon rubber: Grade 50, class III, transparent.

Splashproof: In accordance with [MIL-STD-108](#), table I.

Endurance: 10,000 operations. Minute cracks after life test, which do not permit leakage, shall not be cause for rejection.

Part or Identifying Number (PIN): See tables I and II.

Table I. Dimensions.

PIN	Dimensions $\pm .031$ (.79)			
M5423/13-	L1	W1	W2	L2
01	1.250	.750	.531	.60
02	1.312	1.500	1.250	.60
03	1.281	2.250	2.000	.60

Table II. Mounting holes, markings, and panel cutout.

PIN M5423/13-	Mounting holes			Markings	Panel cutout	
	Number of screws	Location			X	Y
		B	B1			
01	2	Yes	None	None	1.250	.531
02	4	None	.375	On-off	1.312	1.250
03	6	Yes	.750	None	1.281	2.000

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue.

Referenced documents:

[MIL-DTL-5423](#)
[MIL-STD-108](#)
[ASTM-A493](#)

Custodians:

Army - CR
 Navy - AS
 Air Force - 85
 DLA - CC

Preparing activity:
 DLA - CC

(Project 5930-2025-012)

Review activities:

Army - AT, AV, CR4, MI
 Navy - CG, EC, MC

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil/>.