

INCH POUND

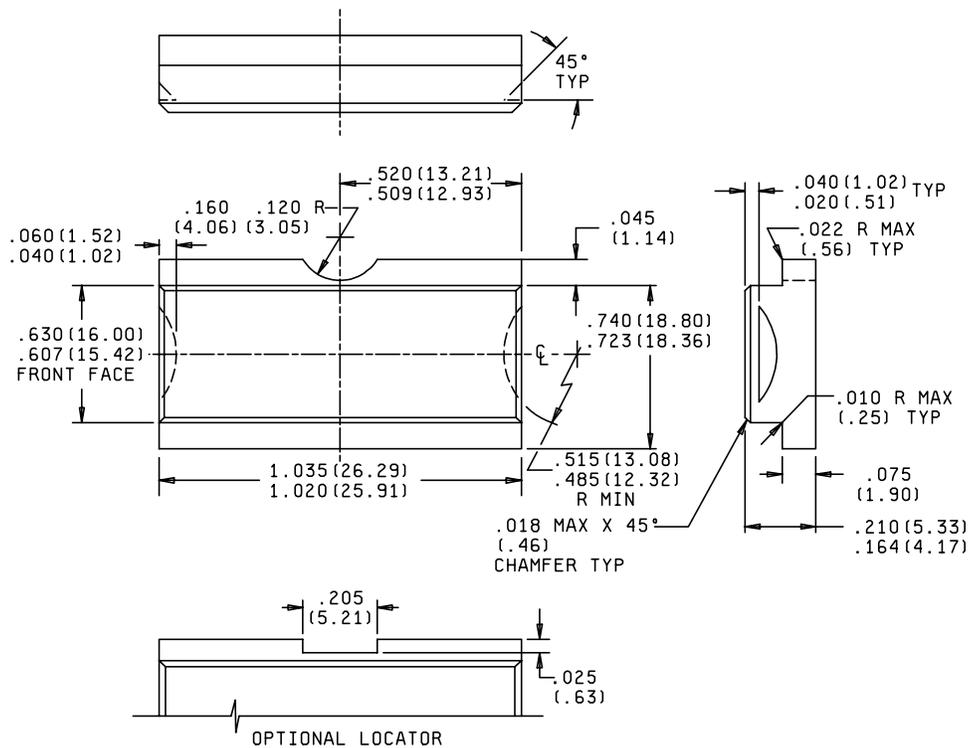
MIL-PRF-22885/85D
1 March 2001
SUPERSEDING
MIL-PRF-22885/85C
29 May 1981

PERFORMANCE SPECIFICATION SHEET

SWITCH, PUSH BUTTON, ILLUMINATED,
LENS PLATE FOR, 1.030 LONG X .730 WIDE

This specification sheet is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the indicator lights described herein shall
consist of this specification sheet and MIL-PRF-22885.

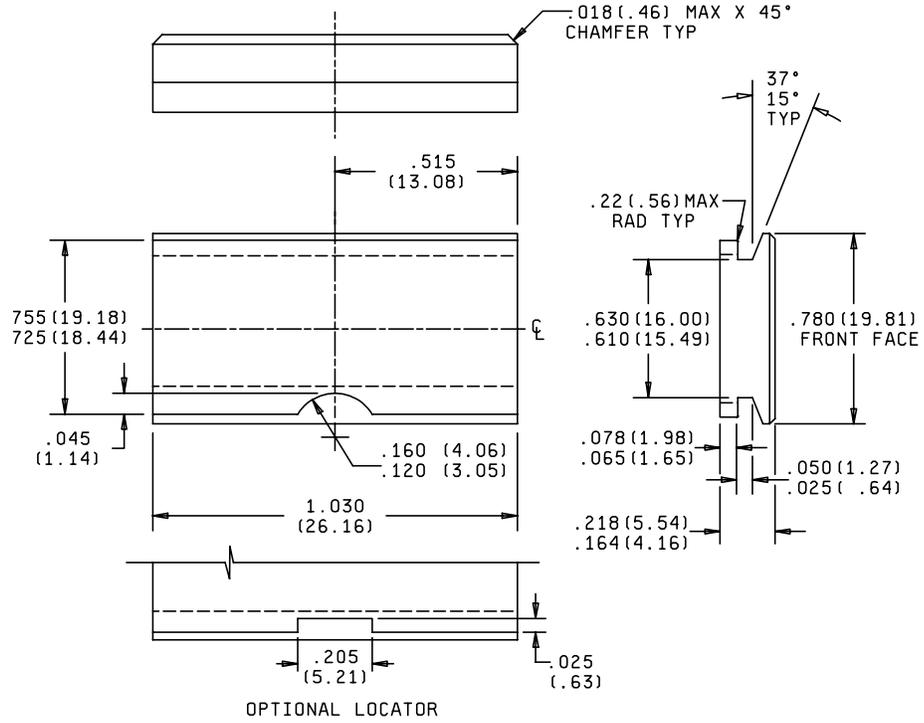


NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ± 0.005 (0.13 mm) for decimals and $\pm 2^\circ$ on angles.
4. Metric equivalents are in parentheses.

FIGURE 1. Transparent front lens plate, narrow face, M22885/85-01.

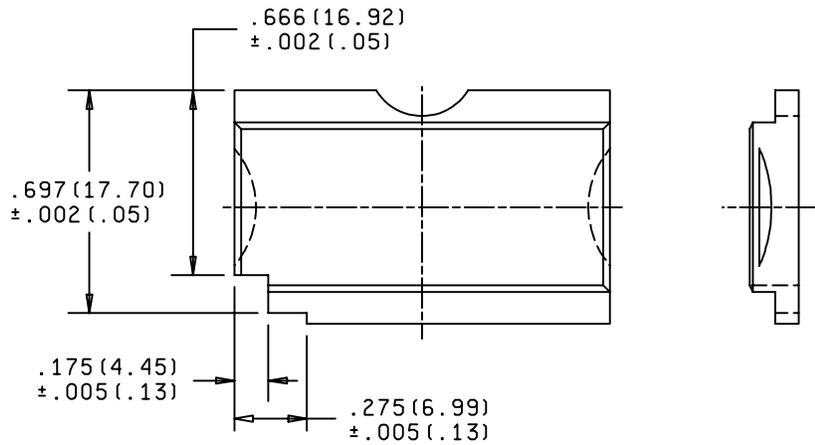
MIL-PRF-22885/85D



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ± 0.005 (.013 mm) for decimals and $\pm 2^\circ$ on angles.
4. Metric equivalents are in parentheses.

FIGURE 2. Transparent front lens plate, extended face, M22885/85-02.



NOTES:

1. Dimensions are in inches.
2. Dimensions and configuration are identical to that of figure 1 except for cut-out as shown.
3. Metric equivalents are given for general information only.
4. Metric equivalents are in parentheses.

FIGURE 3. Transparent front lens plate, narrow face with cut-out. M22885/85-03.

MIL-PRF-22885/85D

REQUIREMENTS:

Dimensions and configuration: See figures 1, 2, and 3.

Material: High temperature heat resistant, thermoplastic. When thermal shock test is performed in accordance with MIL-PRF-22885, the maximum temperature shall be 71°C (+55°C with lamps energized).

Intended use: As font lens plate to be used in conjunction with a translucent white diffuser on switch/indicators specified in table I.

Lens transmittance: Lens plate shall be transparent. When assembled to the switch or indicator, a translucent white background is provided by the diffuser. When illuminated, the background shall appear in a color determined by the color of the lamp filters (MIL-PRF-22885/12). The lens style, as shown in table I of MIL-PRF-22885/10, is provided by the diffuser.

Qualification: Required as part of the 4-lamp illuminated pushbutton switch, MIL-PRF-22885/9 or MIL-PRF-22885/87.

TABLE I. Part numbers.

Part number	Description	Switch/indicator <u>1/</u>
M22885/85-01	Narrow face	MIL-PRF-22885/9, 10
M22885/85-02	Extended face	MIL-PRF-22885/9, 10
M22885/85-03	Narrow face with cut-out	MIL-PRF-22885/87

1/ Lens plate will be accommodated by the switch/indicators listed.

Custodians:

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

Preparing activity:
DLA - CC

(Project 5930-1716-14)

Review activities:

Army - AR, AV, MI
Navy - AS, MC, OS, SH
Air Force - 19, 99