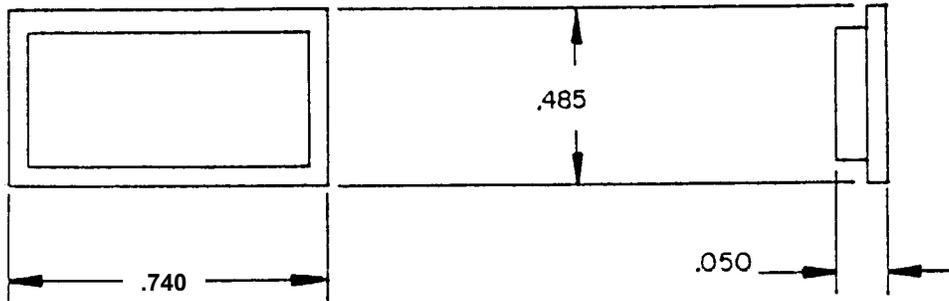


PERFORMANCE SPECIFICATION SHEET

SWITCH, PUSHBUTTON, ILLUMINATED,
2-LAMP, LENS ARRANGEMENTS FOR

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

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

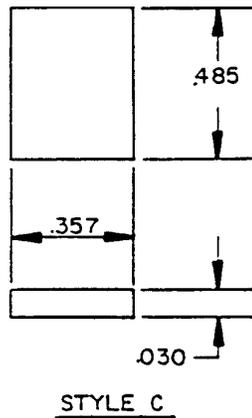
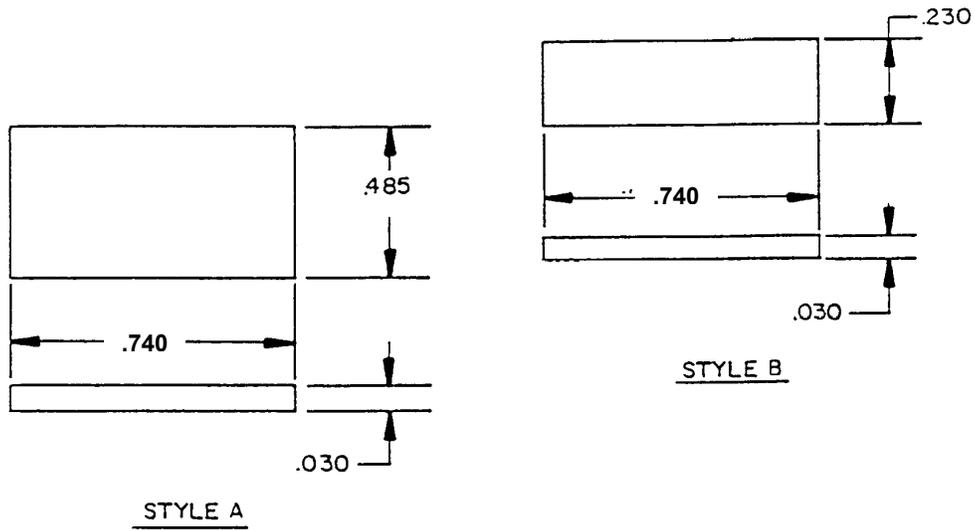


Inches	mm
.050	1.27
.485	12.32
.740	8.80

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.010 (.25 mm).

FIGURE 1. Front lens plate.



Inches	mm
.030	0.76
.230	5.84
.357	9.07
.485	12.32
.740	18.80

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, the tolerance is ± 0.010 (0.25 mm).
4. For clarification of style see table I.
5. For part number and color see table II.

FIGURE 2. Display screen, color filter, spacer.

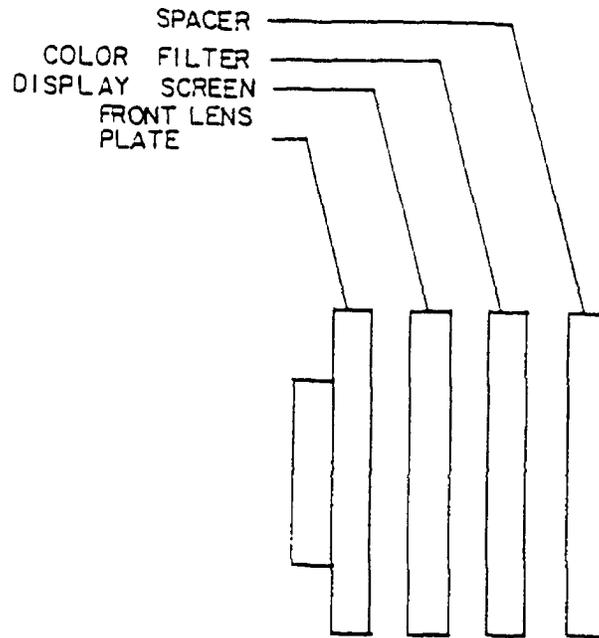
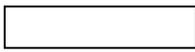
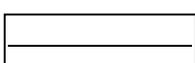
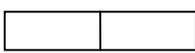


FIGURE 3 Lens arrangement.

TABLE I. Lens arrangement style.

Style	LENS CONFIGURATION FOR DISPLAY SCREEN, COLOR FILTER AND SPACER	
A	Solid	
B	Split horizontally	
C	Split vertically	

REQUIREMENTS:

Dimensions and configuration: See figures 1 through 3 and table I.

Intended use: For use with switch in accordance with MIL-PRF-22885/58.

Design and construction:

Lens arrangements:

Style A consists of:

- 1 Front lens plate
- 1 Display screen
- 1 Color filter
- 1 Spacer

Style B and style C consists of:

- 1 Front lens plate
- 2 Display screens
- 2 Color filters
- 2 Spacers

Characteristics: Lens shall appear white in the unlighted condition. In the lighted condition it shall appear in a color determined by the color filter.

Front lens plate and spacer material: High temperature heat resistant thermoplastic.

Color: Color filters shall be in accordance with MIL-PRF-22885/58.

Part or Identifying Number (PIN): The PIN's shall be M22885/59- (dash number from table II).

Qualification inspection: Required as part of the 2-lamp illuminated switch, MIL-PRF-22885/58.

TABLE II. Part numbers and characteristics.

Part number M22885/59- <u>1/</u>	Style	Color	Description
01	A	Blue	Color filter
02	A	Green	Color filter
03	A	Red	Color filter
04	A	White	Color filter
05	A	Yellow	Color filter
07	B	Blue	Color filter
08	B	Green	Color filter
09	B	Red	Color filter
10	B	White	Color filter
11	B	Yellow	Color filter
13	C	Blue	Color filter
14	C	Green	Color filter
15	C	Red	Color filter
16	C	White	Color filter
17	C	Yellow	Color filter
22	A,B,C	Clear	Front lens plate
23	A	White	Display screen
24	B	White	Display screen
25	C	White	Display screen
26	A	Clear	Spacer
27	B	Clear	Spacer
28	C	Clear	Spacer

1/ Part numbers M22885/59-06, -12, and -18 for amber color filters, and part numbers M22885/59-19,-20, and -21, for .060 thickness display screens have been canceled. Use yellow color filter and .030 thickness display screen-spacer combination.

Referenced Documents:

MIL-PRF-22885
MIL-PRF-22885/58

Custodians:

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

Preparing activity:
DLA - CC

(Project 5930-1810)

Review activities:

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

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 www.dodssp.daps.mil.