

# PRESS-TO-TEST INDICATORS

MEET OR EXCEED REQUIREMENTS OF  
MIL-L-7961B and MIL-L-3661

QPL APPROVAL: The products indicated have received  
Department of Defense certification and are listed as QPL approved.

## PROVIDE POSITIVE SAFETY FACTORS



Positive safety factors are provided by patented built-in Press-To-Test indicators. Lamps can be checked instantly without removing them from their assembly.

A slight pressure on the lens holder of the assembly breaks the normal circuit and makes a test circuit, informing the operator as follows:

1. If the lamp LIGHTS when pressed in, it is proven satisfactory.
2. If the lamp FAILS TO LIGHT when pressed in, it is defective and must be replaced from the front of the panel.

Release of finger pressure restores the lens holder to operating position.

**Press-To-Switch** (4 terminal assemblies) are available with all indicators in this catalog. They are useful for remote control applications, as they permit closing the circuit to any local or remote device.

Typical Press-To-Test (3 terminal) and Press-To-Switch (4 terminal) circuit drawings are illustrated below.

**Sub-Miniature, Miniature and Large** Press-To-Test Indicators are available for mounting in 15/32", 5/8" and 1" clearance holes respectively. Only typical incandescent assemblies are listed in this catalog. Data on other Press-To-Test assemblies will be furnished on request.

Hot-stamped or engraved legends can be supplied on flat lenses only. Additional information will be furnished on request.

Typical  
3 Terminal  
Press-To-Test  
Circuit



Typical  
4 Terminal  
Press-To-Switch  
Circuit



## PATENTED SHUTTER DIMMING ACTION



**Shutters open**  
Maximum full direct  
light beam



**Shutters adjusted**  
Adjustable direct  
light beam



**Shutters closed**  
Minimum indirect  
"halo" light

The patented shutter-dimming device is available on most Press-To-Test indicators. By turning the knurled cap, the individual operator can regulate the brilliancy of the light from the indicator to suit his needs under varying light conditions.

Standard dimmer action is clockwise. Assemblies with counter-clockwise dimming action are available on special order.

## LENS COLORS

|                  |                     |
|------------------|---------------------|
| 1-Red            | 5-White translucent |
| 2-Green          | 6-Light yellow      |
| 3-Yellow (amber) | 7-Clear colorless   |
| 4-Blue           |                     |

The digit before the last dash in the part number designates the lens color. When color other than RED is desired, change this digit to a figure noted above. Example: 812-1030-0972-506 (green)

# Sub-Miniature Incandescent PRESS-TO-TEST Indicators

MILITARY STANDARD DRAWING MS25041 – 1 to 11

For back of panel mounting in 15/32" clearance hole  
Meet or exceed requirements of MIL-L-7961B and MIL-L-3661



See lamp ratings  
on page J.

**800 SERIES**  
**801 SERIES**  
**808 SERIES**  
**809 SERIES**

## MATERIALS AND FINISHES

- **Mounting Bushing and Lens Holder:** Aluminum, black anodize finish.
- **Mounting and Flange Nuts:** Aluminum, black anodize finish.
- **Internal-tooth Lockwasher:** Phosphor bronze, white nickel finish.
- **Terminals:** Brass, hot tinned with elongated slot.

Lens cap assembly marking: "Dim" with an arrow is die-stamped and filled on all Dimmer lens cap assemblies. "Press-To-Test" marking is die-stamped and filled on all lens cap assemblies used with 3 terminal units only.

## BASE PART NUMBERS

| Cap type   | Transparent lens color | CAP PART NUMBERS for use with |                       |
|--|------------------------|-------------------------------|-----------------------|
|  |                        | 3 terminal assemblies         | 4 terminal assemblies |
| <p><b>mechanical shutter semi-blackout dimming</b></p> <p>801 series</p> <p>809 series</p> | Clear (Colorless)      | 801-0337-500                  | 809-0337-500          |
|  | Red                    | 801-0331-500                  | 809-0331-500          |
|  | Green                  | 801-0332-500                  | 809-0332-500          |
|  | Yellow (Amber)         | 801-0333-500                  | 809-0333-500          |
|  | Blue                   | 801-0334-500                  | 809-0334-500          |
| <p><b>non-dimming</b></p> <p>800 series</p> <p>808 series</p>                              | Clear (Colorless)      | 800-0337-500                  | 808-0337-500          |
|  | Red                    | 800-0331-500                  | 808-0331-500          |
|  | Green                  | 800-0332-500                  | 808-0332-500          |
|  | Yellow (Amber)         | 800-0333-500                  | 808-0333-500          |
|  | Blue                   | 800-0334-500                  | 808-0334-500          |



801-1030-0331-504  
Dimming



800-1030-0331-504  
Non-Dimming

**QPL LISTED**

**3 Terminal Press-To-Test Assemblies**



max. panel thickness 5/16"

800-1030-03-504

**4 Terminal Press-To-Switch Assemblies**



max. panel thickness 5/16"

808-1130-03-504

**COMPLETE ASSEMBLY PART NUMBERS**

| Part number       | MS number  |
|-------------------|------------|
| 801-1030-0337-504 | MS25041-1  |
| 801-1030-0331-504 | MS25041-2  |
| 801-1030-0332-504 | MS25041-3  |
| 801-1030-0333-504 | MS25041-4  |
| 801-1030-0334-504 | MS25041-10 |
| 800-1030-0337-504 | MS25041-5  |
| 800-1030-0331-504 | MS25041-6  |
| 800-1030-0332-504 | MS25041-7  |
| 800-1030-0333-504 | MS25041-8  |
| 800-1030-0334-504 | MS25041-11 |

| Part number       |
|-------------------|
| 809-1130-0337-504 |
| 809-1130-0331-504 |
| 809-1130-0332-504 |
| 809-1130-0333-504 |
| 809-1130-0334-504 |
| 808-1130-0337-504 |
| 808-1130-0331-504 |
| 808-1130-0332-504 |
| 808-1130-0333-504 |
| 808-1130-0334-504 |

Part numbers shown in gray are normally in inventory at your Dialight Distributor.

Order complete with lamp to be assured of receiving the indicator light and correct lamp together for immediate use.

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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