

# 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)

# Miniature Incandescent PRESS-TO-TEST Indicators

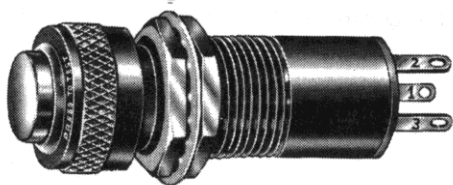
MILITARY STANDARD DRAWING MS25331 - 1 to 8



T-3/4 bulb  
with miniature  
bayonet base.

See lamp ratings  
on page K.

For back of panel mounting in 5/8" clearance hole  
Meet or exceed requirements of MIL-L-7961B and MIL-L-3661



803-1710-0331-504  
Non-Dimming

803 SERIES  
804 SERIES  
806 SERIES  
810 SERIES  
811 SERIES

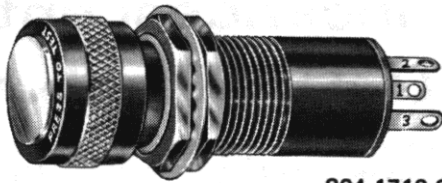
## MATERIALS AND FINISHES

- **Mounting Bushing and Lens Holder:** Aluminum, black anodize finish.
- **Mounting and Flange Nuts:** Aluminum, black anodize finish.
- **Internal-tooth Lockwasher:** Steel, cadmium plated with yellow iridescent chromate finish.
- **Terminals:** Brass, hot tinned with elongated slot.

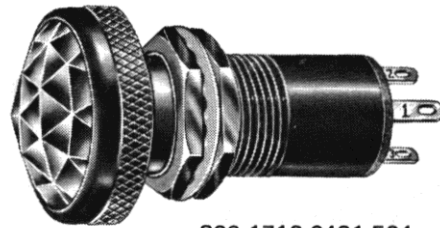
**Lens cap assembly marking:** "Dim" with an arrow is die-stamped and filled on all dimmer lens cap assemblies. "Press-To-Test" marking is die-stamped and filled on all lens cap assemblies used with 3 terminal units only.

## 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>804 series      811 series</p>	<p>Clear (Colorless) Red Green Yellow (Amber) Blue</p>	<p>804-0337-500 804-0331-500 804-0332-500 804-0333-500 804-0334-500</p>	<p>811-0337-500 811-0331-500 811-0332-500 811-0333-500 811-0334-500</p>
<p><b>non-dimming</b></p> <p>803 series      810 series</p>	<p>Clear (Colorless) Red Green Yellow (Amber) Blue</p>	<p>803-0337-500 803-0331-500 803-0332-500 803-0333-500 803-0334-500</p>	<p>810-0337-500 810-0331-500 810-0332-500 810-0333-500 810-0334-500</p>
<p><b>non-dimming with large faceted lens</b></p>	<p>Clear (Colorless) Red Green Yellow (Amber) Blue White</p>	<p>806-0437-500 806-0431-500 806-0432-500 806-0433-500 806-0434-500 806-0435-500</p>	<p>806-0437-500 806-0431-500 806-0432-500 806-0433-500 806-0434-500 806-0435-500</p>

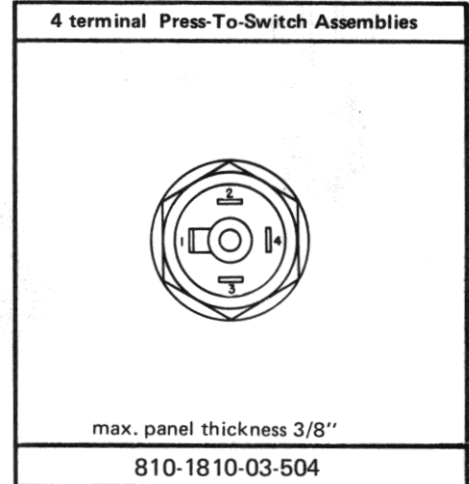
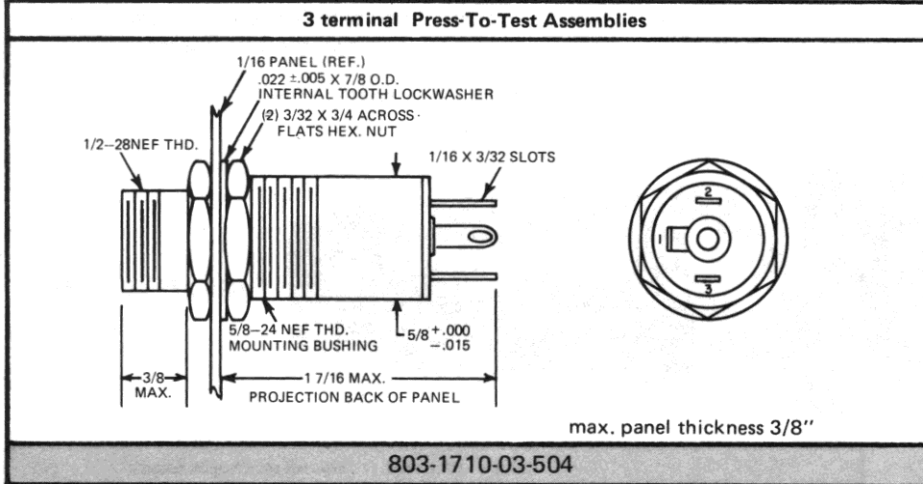


804-1710-0331-504  
Dimming



806-1710-0431-504  
Non-Dimming

QPL LISTED



COMPLETE ASSEMBLY PART NUMBERS

Part number	MS number
804-1710-0337-504	MS25331-1
804-1710-0331-504	MS25331-2
804-1710-0332-504	MS25331-3
804-1710-0333-504	MS25331-4
804-1710-0334-504	
803-1710-0337-504	MS25331-5
803-1710-0331-504	MS25331-6
803-1710-0332-504	MS25331-7
803-1710-0333-504	MS25331-8
803-1710-0334-504	

Part number
811-1810-0337-504
811-1810-0331-504
811-1810-0332-504
811-1810-0333-504
811-1810-0334-504
810-1810-0337-504
810-1810-0331-504
810-1810-0332-504
810-1810-0333-504
810-1810-0334-504

806-1710-0437-504	—
806-1710-0431-504	—
806-1710-0432-504	—
806-1710-0433-504	—
806-1710-0434-504	—
806-1710-0435-504	—

806-1810-0437-504
806-1810-0431-504
806-1810-0432-504
806-1810-0433-504
806-1810-0434-504
806-1810-0435-504

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.

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