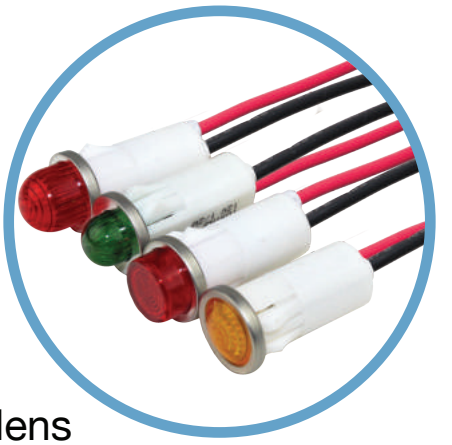
# 1092 Series
# LED Panel Mount Indicators
# Wire Leads



Available in four different lens styles, three diffused lens colors and operating voltage range of 12V, 28V and 125V
Snap fit into 0.500” (12.7mm) panel hole diameter




## Applications

- Industrial
- Transportation
- Food Service
- People Movers
- Medical
- Maritime
- Oil and Gas Industry
- Manufacturing
- Automation & Control

## Key Features

- Snaps fit into 0.500” (12.7mm) panel hole
- LED illumination
- Four different lens styles available: Hi Hat, Hi Dome, Semi Dome and Small Dome
- Front-panel mount
- Front panel snap-in mounting requires no additional hardware
- Life expectancy of 100,000 hours
- High brightness LEDs for daylight viewing
- UL/cUL Listed. File Number E20356
- Order speed nuts separately to provide maximum fastening power with minimal installation torque.
- Order gasket separately to provide water, oil, air and dust tight.
- 4.4”/4.8” wire leads
- 0.187” (4.75mm) tab terminal version also available
- Available in wide operating voltage of 12V, 28V and 125V
- Three colors available: Red, Green, Amber
- Transparent and clear lenses provide visibility during the daylight
- Solution to retrofit: save energy and reduce the costs
- 'D' mounting hole aids anti-rotation
- Compliant with RoHS and REACH requirements
- For customized options, please contact us

## Ordering Data

The 1092 Series is available in a range of standard features and options.
To specify your Panel Mount Indicator, simply choose one option from each column.
An example is shown below

| Series | Lens Style | Color | | Voltage |
|---|---|---|---|---|
| 1092 | | | - | |

| Lens Style | |
|---|---|
| Hi-Dome | A |
| Hi-Hat | C |
| Semi-Dome | D |
| Small-Dome | M |

| Voltage | |
|---|---|
| 12V | 12V |
| 28V | 28V |
| 125VAC | 125VAC |

| Color | | luminous intensity (Typ) |
|---|---|---|
| Red | 1 | 13,000 mcd |
| Amber | 3 | 13,000 mcd |
| Green | 5 | 12,000 mcd |

Example: 1092A5-12V
1092 with Hi-Dome lens - Green LED and 12 Volts



## Accessories Ordering Data [order separately]

Speed Nut: SN0461-C





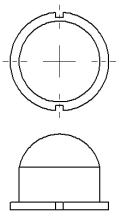
O-Ring Gasket: SPC472

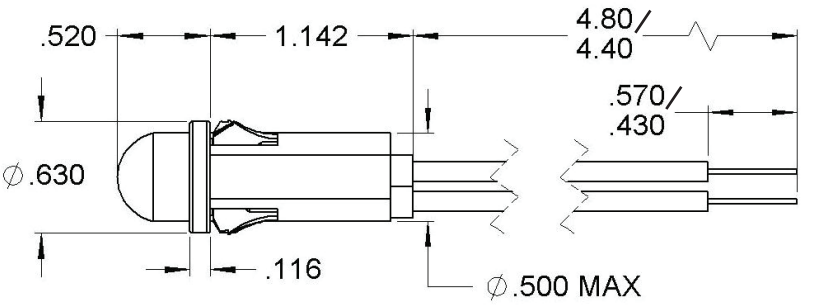




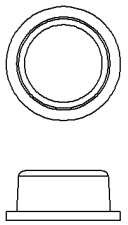
## Product Dimensions

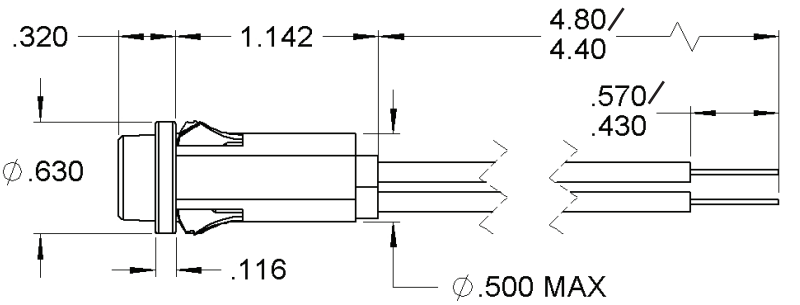
### Hi Dome



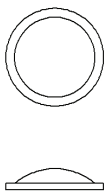


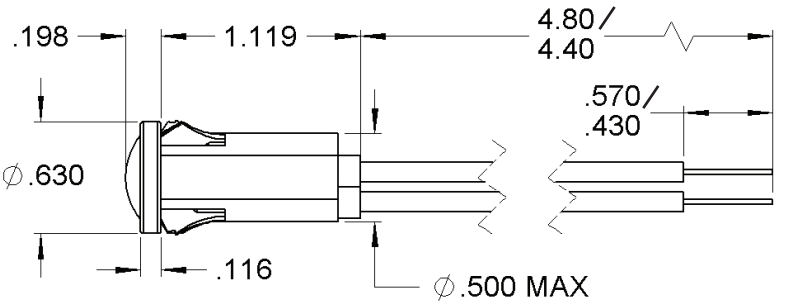

### Hi Hat



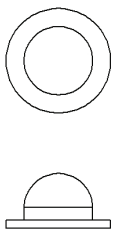


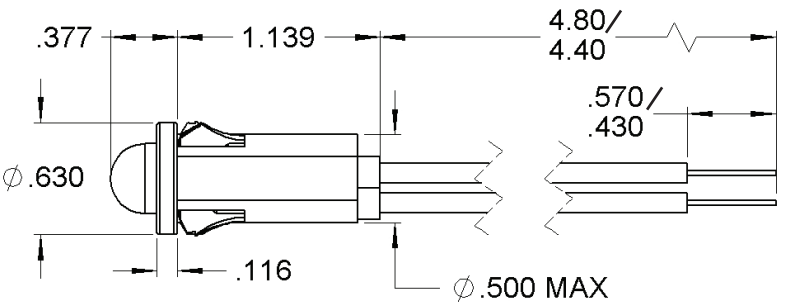

### Semi Dome



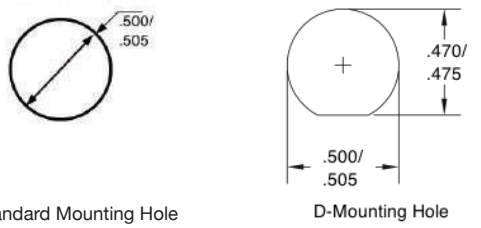



### Small Dome






### Mounting Hole (All)




Standard Mounting Hole

D-Mounting Hole

Dimensions in inches

## Product Specifications

| Materials | |
|---|---|
| Housing | White Nylon UL94 V-2 |
| Lens | Transparent Polycarbonate UL94 V-2 |
| Bezel | Polished stainless steel |
| Wire Leads | Tinned Copper Conductor PVC Insulation |

| Voltage Table | | |
|---|---|---|
| Nominal | VAC | VDC |
| 12V | 10 to 14 | 10 to 14 |
| 28V | 26 to 30 | 26 to 30 |
| 125V | 105 to 125 | — |

| Temperature Specifications | |
|---|---|
| Operating Temperature | -40°C to +85°C<br>-40°F to +185°F |
| Storage Temperature | -40°C to +85°C<br>-40°F to +185°F |

| Installation Specifications | |
|---|---|
| Mounting Hole | 0.500” to 0.505”<br>(12.70 to 12.83 mm) |
| D-Mounting Hole | 0.470” to 0.475”<br>(11.94 to 12.07 mm) |
| Panel Thickness | 0.020” to 0.100”<br>(0.51 to 2.54 mm) |
| Wire Leads | 18 AWG -105ºC - 600V<br>lead color: red and black,<br>4.40”/4.80” (111.8/121.9 mm) long,<br>stripped .430“/.570”<br>(10.9/14.5 mm)<br>Anode(+): Red lead |

| Internal Resistor | |
|---|---|
| 12V | 390Ω |
| 28V | 1200Ω |
| 125V | 15000Ω + rectifier diode |

| | |
|---|---|
| Forward Current Rating | 25mA |

## Accessory options [order separately]

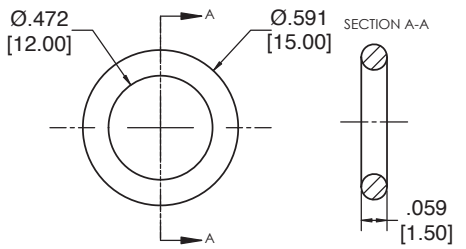
**O-Ring Gasket**

Part Number **SPC472**

The 1092 Gasket is designed to seal many types of media, including water, air, dust, and oil. The panel gasket is intended to provide a seal between the panel and the 1092 Panel Mount Indicator.

Meets ASTM D2000 standard.






Dimensions in inches [mm]

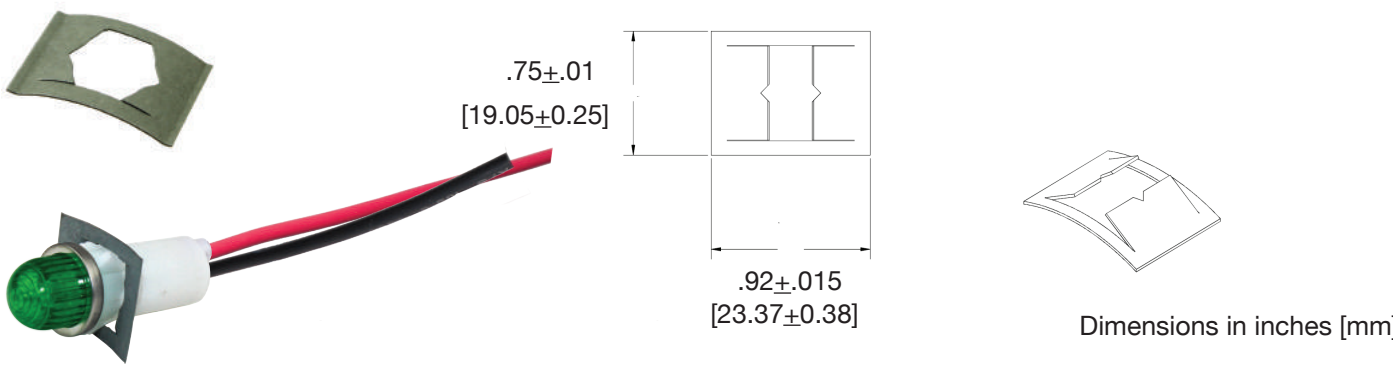
| Material |
|---|
| Buna-N, Durometer A50, black |

| Installation Specification | |
|---|---|
| Internal Diameter | 0.472” (12 mm) |
| Thickness | 0.059” (1.5 mm) |
| Operational Temperature | -30°F to +225°F |

## Accessory options [order separately]

### Push-on speed nut

Part Number **SN0461-C**
Description: Speed nut with coating, which secures the indicator in place
• One piece, self-locking, heat-treated, spring-steel fastener that replaces threaded nut, lock washer or spanner washer
• Eliminates time-consuming assembly operations.
• Fast and easy to apply, the speed nut fastener provides maximum holding power at minimum cost per fastener
• It does not shake loose from vibration, yet can be easily loosened without worry about rust-frozen screw threads.
• For smaller components where space is premium
• Requires less torque than standard hex-nuts
• Can be installed prior to painting process so threads won't fill.




Dimensions in inches [mm]

| Material | |
|---|---|
| Speed Nut (one piece) | Spring Steel |

| Installation Specification | |
|---|---|
| Stud Size | 0.485" (12.319mm) |

## Compliances and Approvals

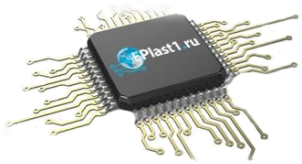
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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