

## FEATURES

- Green indicator light
- Waterproof rating IP67
- Lead pin terminations
- Intensity of 8 mcd
- Voltage rating of 2Vdc
- Chrome flush bezel
- Length of 15.9 mm
- Diameter of 3 mm
- Panel mounting
- Mounting hole size of 6 mm
- Maximum panel thickness of 7 mm
- Conforms to UL standards
- Coloured diffused epoxy lens or water clear super bright LEDs
- Operating temperature range: -40 to +85°C

## RS PRO Green Indicator, 2 V dc, 6mm Mounting Hole Size, Lead Pins Termination, IP67

RS Stock No.: 700-1546



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

Need a waterproof LED indicator for use outdoors or in an industrial environment? This 2 V dc green lamp from the RS PRO range is sealed to IP67 standard, so it'll keep out water when submerged under a metre of water for half an hour. This makes it suitable for a variety of applications in fields ranging from medicine to agriculture.

Offering a high level of brightness for low power consumption, the lamp can deliver 8 mcd for 100,000 hours before it needs replacing. Its 3-mm lens is mounted in a chrome bezel, suitable for fitting in a 6-mm hole in panels up to 7 mm thick. The coloured diffused epoxy lens offers wide-angle viewing.

### General Specifications

<b>Light Output Colour</b>	Green
<b>Lamp Type</b>	LED
<b>Termination Type</b>	Short Body Pins
<b>Type</b>	Panel Mount
<b>Bezel Style</b>	Flush
<b>Bezel Colour</b>	Bright Chrome
<b>Intensity</b>	12mcd
<b>Type of Illumination</b>	Fixed Light
<b>LED Colour</b>	Green
<b>Viewing Angle</b>	30°–100° (dependant on model)
<b>Life Expectancy</b>	100,000 hours
<b>Applications</b>	Industrial settings, including the food processing, transportation and marine industries

### Electrical Specifications

<b>Voltage Rating</b>	2VDC
<b>Current Rating</b>	20mA

**Mechanical Specifications**

Mounting Hole Size	6mm
Length	15.9mm
Shape	Round
Lamp Size	3mm

**Operation Environment Specifications**

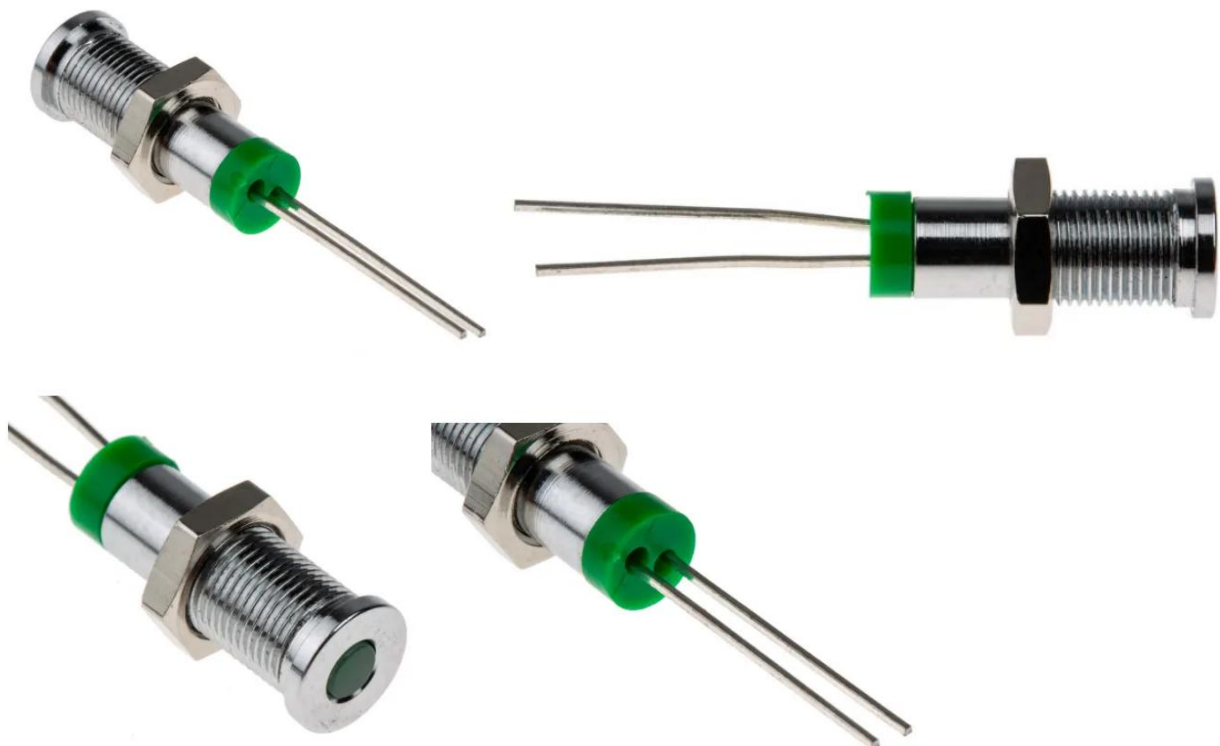
Temperature Rating	-40°C to 85°C
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**Protection Category**

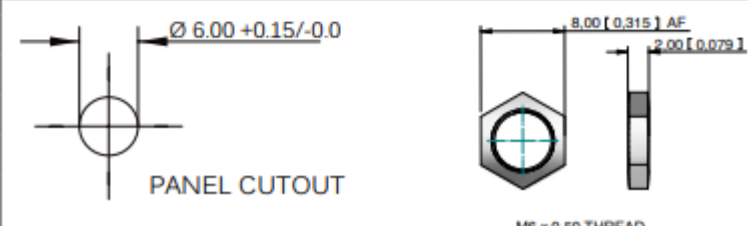
IP Rating	IP67
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**Approvals**

Compliance/Certifications	UL standards, RoHS Compliant, ANSI/ESD S20.20:2014 and BS EN 61340-5-1:200
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TECHNICAL SPECIFICATIONS		
Voltage	Operating Voltage (Min to Max)	Operating Current (Typical All Types)
02 (No Resistor)	1.8 to 3.8VDC	20mA max*
6VDC	5.4 to 6.6VDC	20mA
12VDC	10.8 to 13.2VDC	20mA
24VAC/DC	21.6 to 26.4VDC	20mA
28VDC	25.2 to 30.8VDC	20mA

<b>Max Reverse Voltage:</b> 5V
<b>Viewing Angle:</b> 30–100° (dependant on model)
<b>Life Expectancy:</b> 100,000 hours
<b>Temperature Range:</b> –40 to +85°C (operating & storage)
<b>Torque:</b> 4cNm
 <p> <math>\text{Ø } 6.00 +0.15/-0.0</math>            PANEL CUTOUT  <math>8.00 [0.315] \text{ AF}</math>  <math>2.00 [0.079]</math>            M6 x 0.50 THREAD         </p>

Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	40mcd	10mcd	2.0V
Green	50mcd	12mcd	2.2V
Yellow	30mcd	6mcd	2.1V
Blue	1,200mcd	100mcd	3.8V
White	1,200mcd	160mcd	3.8V
Orange	60mcd	10mcd	2.0V
Bi-color (Typical) (Red/Green)	20/15mcd	10/8mcd	2.0V/2.2V
The color is changed by reversing the polarity of the supply voltage.			
Super Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	1,000mcd	700mcd	2.2V
Green	1,200mcd	2,000mcd	3.5V
Yellow	2000mcd	8,000mcd	2.3V
Blue	1,600mcd	200mcd	3.3V
White	1,200mcd	350mcd	3.3V
Orange	10,000mcd	500mcd	2.2V
Hyper Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	3,700mcd	600mcd	2.2V
Green	2,000mcd	350mcd	3.2V
Yellow	1,200mcd	140mcd	2.0V
Orange	4,500mcd	400mcd	2.2V
Luminous intensity will be reduced with lower operating current.			

Note: The operating voltage must not be exceeded by more than 10% as this will result in reduced life expectancy.

The company reserves the right to change specifications without notice.

\* Customer to supply resistor for desired operating current.

Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated.

LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

Technical Drawings

FLUSH BEZEL

