

Datasheet

RS Pro Recessed Indicator Panel Mount, 6mm Mounting Hole Size, Green LED, Lead Pins Termination, 3 mm Lamp Size, 2 V dc

RS Stock No: **208-829**



Product Details

RS Pro recessed indicator with 6 mm mounting hole, features green LEDs for panel mount applications. This indicator accommodates a lamp size of 3 mm and offers short body pin termination. It has a voltage rating of 2.2 V. The indicator has a wide operating temperature range of -40 to +85°C, further increasing the potential applications they may be used for. The 3 mm LED requires a 6 mm panel cut-out and is supplied with a fixing nut and spring washer. It offers a wide selection of voltage ratings, bezel finishes and bezel styles.

Features and Benefits

- 6 mm panel mounting LED indicator
- Coloured diffused epoxy lens or water clear super bright LEDs
- Prominent, recessed, chamfer and flush bezel styles
- Operating temperature range: -40 to +85°C

**Specifications:**

| | |
|----------------------|-----------------|
| Bezel Colour | Bright Chrome |
| Bezel Style | Recessed |
| Current Rating | 20 mA |
| Intensity | 50 mcd |
| Lamp Size | 3 mm |
| Lamp Type | LED |
| Length | 15.9 mm |
| Light Output Colour | Green |
| Mounting Hole Size | 6 mm |
| Termination Type | Short Body Pins |
| Type | Panel Mount |
| Voltage Rating | 2.2 V |
| Temperature Rating | -40 to +85°C |
| Type of Illumination | Fixed Light |
| LED Colour | Green |



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| TECHNICAL SPECIFICATIONS | | |
|--------------------------|-------------------|---------------------|
| Voltage | Operating Voltage | Operating Current |
| | (Min to Max) | (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 |

Max Reverse Voltage: 5V

Viewing Angle: 30–100° (dependant on model)

Life Expectancy: 100,000 hours

Temperature Range: –40 to +85°C (operating & storage)

Torque: 4cNm

PANEL CUTOUT

M6 x 0,50 THREAD

| 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

RECESSED BEZEL

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