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Datasheet

RS Pro Prominent Indicator Panel Mount, 6mm Mounting Hole Size, Green LED, Solder Tab Termination, 3 mm Lamp Size, 12 V dc

RS Stock No: 206-744



Product Details

RS Pro prominent indicator with 6 mm mounting hole, features green LEDs for panel mount applications. This indicator accommodates a lamp size of 3 mm and offers solder lug termination. It has a voltage rating of 12 V dc. 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



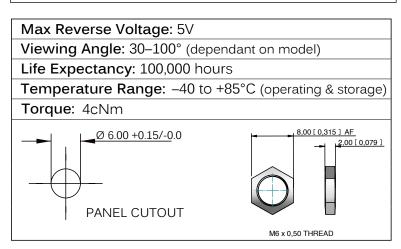
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Specifications:



| 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 | | | |

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| Prominent and Recessed | Flush | Forward Voltage |
|------------------------|--|--|
| 40mcd | 10mcd | 2.0V |
| 50mcd | 12mcd | 2.2V |
| 30mcd | 6mcd | 2.1V |
| 1,200mcd | 100mcd | 3.8V |
| 1,200mcd | 160mcd | 3.8V |
| 60mcd | 10mcd | 2.0V |
| 20/15mcd | 10/8mcd | 2.0V/2.2V |
| | 40mcd 50mcd 30mcd 1,200mcd 1,200mcd 60mcd | 40mcd 10mcd 50mcd 12mcd 30mcd 6mcd 1,200mcd 100mcd 1,200mcd 160mcd 60mcd 10mcd |

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 |

Note: The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy. The company reserves the right to change specifications without notice.

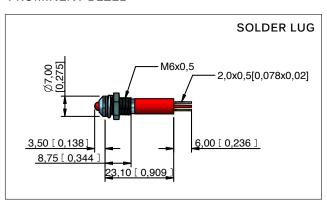
* Customer to supply resistor for desired operating current. Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated.

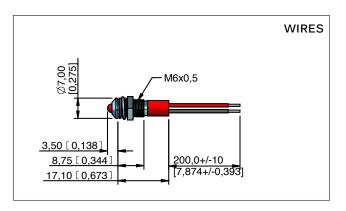
LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

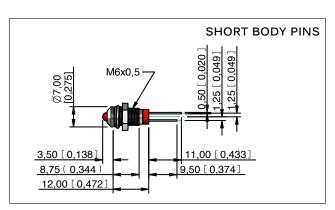


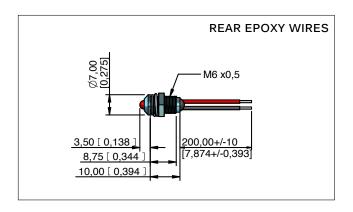
Technical Drawings

PROMINENT BEZEL

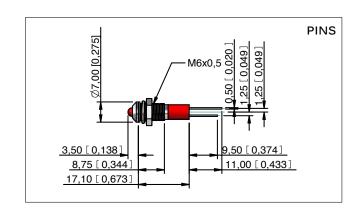


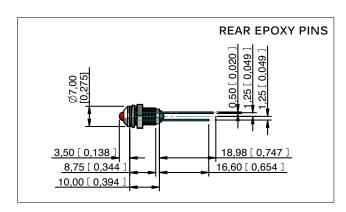


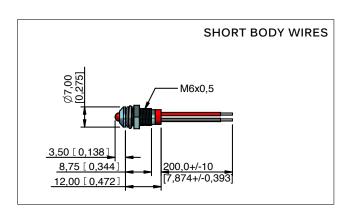




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RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.