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### **Datasheet**

# RS Pro Prominent Indicator LED wires Panel Mount, 6mm Mounting Hole Size, Red LED, Lead Wires Termination, 3 mm Lamp Size

RS Stock No: 722-7704



## **Product Details**

RS Pro prominent indicator with 6 mm mounting hole, features red LEDs for panel mount applications. With an IP67 rating, it is suitable for most environments including outdoor applications. This indicator accommodates a lamp size of 3 mm and offers short body wire termination. It has a voltage rating of 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
- Sealed to IP67
- Operating temperature range: -40 to +85°C





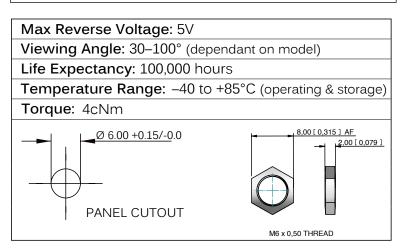
## **Specifications:**

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Bezel Colour	Black Chrome
Bezel Style	Prominent
Current Rating	20 mA
Intensity	40 mcd
IP Rating	IP67
Lamp Size	3 mm
Lamp Type	LED
Length	15.5 mm
Light Output Colour	Red
Mounting Hole Size	6 mm
Termination Type	Short Body Wires
Type	Panel Mount
Voltage Rating	2 V
Temperature Rating	-40 to +85°C
Type of Illumination	Fixed Light
LED Colour	Red



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.

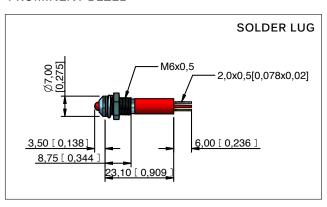
\* Customer to supply resistor for desired operating current. Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated.

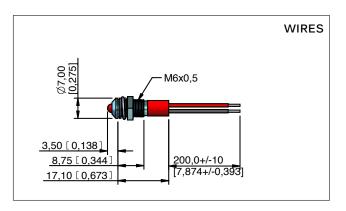
LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

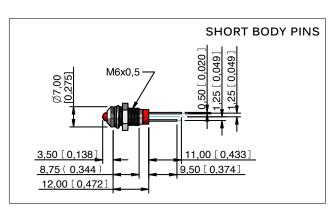


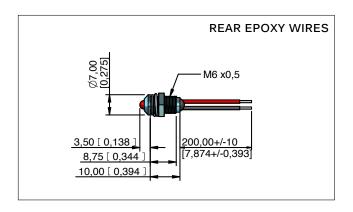
#### **Technical Drawings**

PROMINENT BEZEL

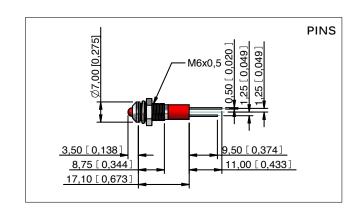


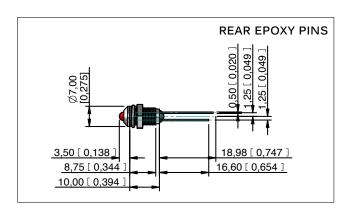


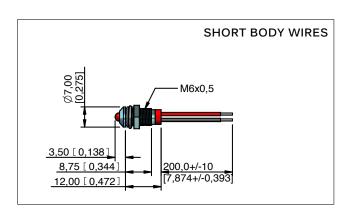




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RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.