

### ENGLISH

Datasheet

RS Pro Recessed Indicator Panel Mount, 6mm Mounting Hole Size, Red/Green LED, Solder Tab Termination, 3 mm Lamp Size, 12 V dc RS Stock No: 208-469



### **Product Details**

RS Pro recessed indicator with 6 mm mounting hole, features red/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: Bright Chrome Bezel Colour Bezel Style** Recessed **Current Rating** 20 mA 20 mcd (Red), 15 mcd (Green) Intensity Lamp Size 3 mm Lamp Type LED Length 27 mm Light Output Colour Red/Green **Mounting Hole Size** 6 mm **Termination Type** Solder Lug Type Panel Mount Voltage Rating 12 V dc **Temperature Rating** -40 to +85°C Type of Illumination **Bi-Colour** LED Colour Red/Green

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#### **TECHNICAL SPECIFICATIONS**

Voltage	Operating Voltage	<b>Operating Current</b>
	(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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Max Reverse Voltage: 5V	
Viewing Angle: 30–100° (depend	dant on model)
Life Expectancy: 100,000 hours	
Temperature Range: -40 to +8	5°C (operating & storage)
Torque: 4cNm	
PANEL CUTOUT	8.00[0,315] AF 2.00[0,079]

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 p	olarity of the supply vo	Itage.

M6 x 0,50 THREAD

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

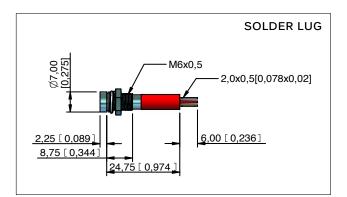
LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

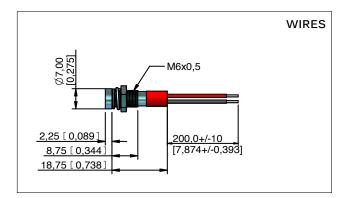
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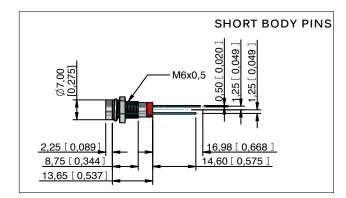


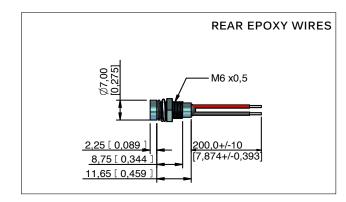
### Technical Drawings RECESSED BEZEL

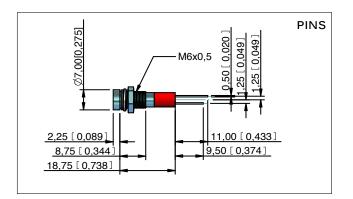
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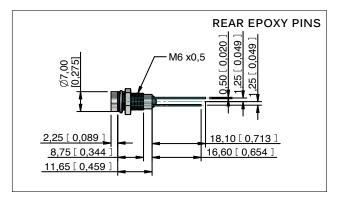


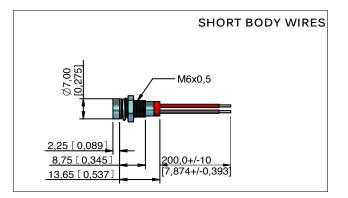












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