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Datasheet

RS Pro Flush Indicator Panel Mount, 6mm Mounting Hole Size, Orange LED, Solder Lug Termination, 7 mm Lamp Size

RS Stock No: **843-2455**

Product Details

RS Pro flush indicator with 6 mm mounting hole, features orange 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 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
- Sealed to IP67
- Operating temperature range: -40 to +85°C

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Specifications:

Bezel Colour	Bright Chrome
Bezel Style	Flush
Current Rating	20 mA
Intensity	10 mcd
IP Rating	IP67
Lamp Size	3 mm
Lamp Type	LED
Length	35.75 mm
Light Output Colour	Orange
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	Fixed Light
LED Colour	Orange

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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

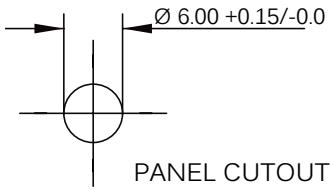
Max Reverse Voltage: 5V

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

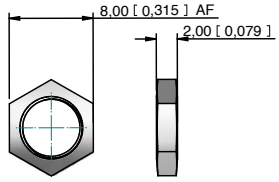
Life Expectancy: 100,000 hours

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 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.

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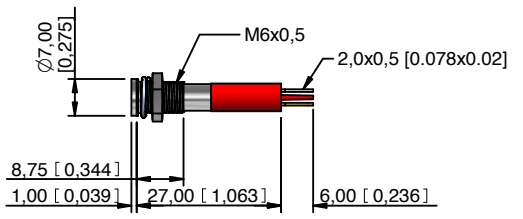
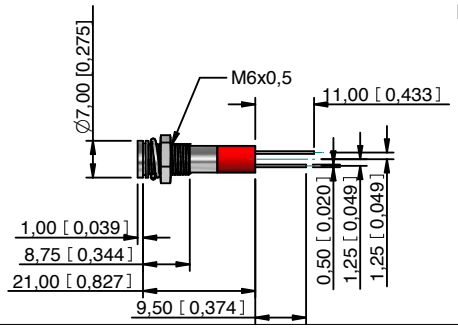
Technical Drawings

FLUSH BEZEL

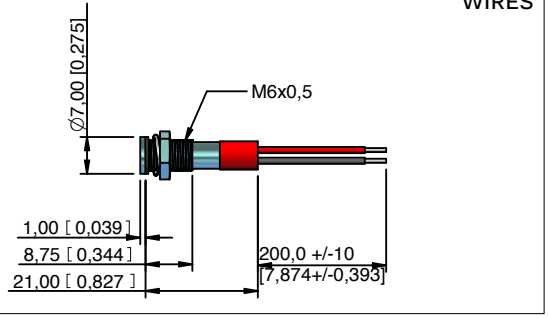
SOLDER LUG



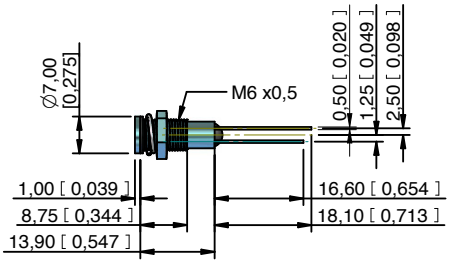
PINS



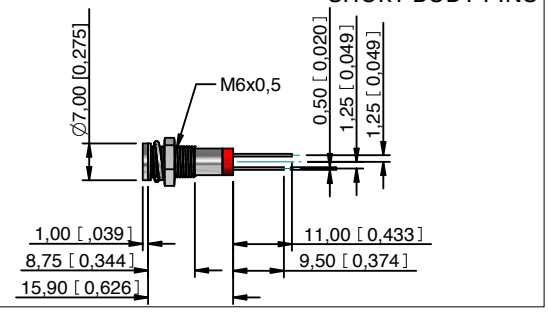
WIRES



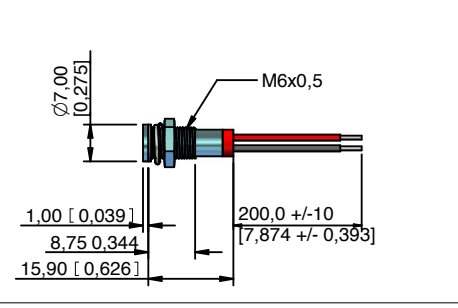
REAR EPOXY PINS



SHORT BODY PINS



SHORT BODY WIRES



REAR EPOXY WIRES