

FEATURES

- 10 mm coloured diffused epoxy style lens, 16 mm chrome bezel
- Various voltages
- Tri-colour options
- 4 Colours available: Red, yellow, orange and green

RS PRO Red Indicator, 12 V dc, 14mm Mounting Hole Size, Solder Tab Termination

RS Stock No.: 210-490



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.



Product Description

Brought to you by RS Pro, a range of LED indicators. Each indicator has a compact and robust high quality build, complete with a solder tab termination. The relative ease of the installation process ensures these LED indicators are perfect for your application. With tri-colour options available, the possibilities are endless. Whether the intended application is a signal, warning or purely a display, there are choices to suit all outcomes. All models are highly reliable and excellent quality.

General Specifications

Light Output Colour	Red	
Lamp Type	LED	
Termination Type	Solder Tab	
Туре	Panel Mount	
Bezel Style	Prominent	
Bezel Colour	Chrome	
Intensity	80mcd	
Type Of Illumination	Fixed Light	
LED Colour	Red	
Viewing Angle	30° to 100°	
Life Expectancy	100000hours	
Applications	Fixed to PCB circuit boards mounted; Switches; Pushbuttons; Used as vehicle indicators	

Electrical Specifications

Voltage Rating	12V dc
Current Rating	20mA
Voltage Tolerance	10%



Mechanical Specifications

Mounting Hole Size	14mm
Length	47mm
Torque	75cNm
Lamp Size	10mm

Operation Environment Specifications

Temperature Rating	-40°C to 85°C	
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Approvals

Compliance/Certifications	EN61340
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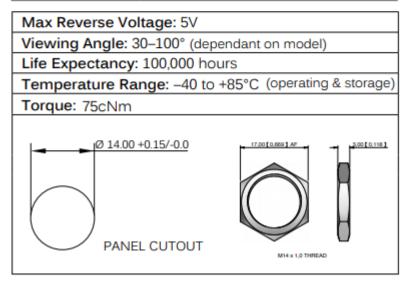






TECHNICAL SPECIFICATIONS			
Voltage	Operating Voltage	Operating Current	
	(Min to Max)	(Typical All Types)	
02 (No Resistor)	1.8 to 3.3VDC	20mA max*	
6VDC	5.4 to 6.6VDC	20mA	
12VDC	10.8 to 13.2VDC	20mA	
24VDC	21.6 to 26.4VDC	20mA	
28VDC	25.2 to 30.8VDC	20mA	
110VAC	99 to 121VAC	6mA	
220VAC	207 to 253VAC	3mA	

For DC Supply versions: gold colored contact is Anode (+)



Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	80mcd	10mcd	2.0V
Green	60mcd	5mcd	2.2V
Yellow	50mcd	4mcd	2.1V
Blue	540mcd	100mcd	3.3V
White	1000mcd	150mcd	3.3V
Orange	80mcd	200mcd	2.0V
Bi-color (Typical) (Red/Green)	15/15mcd	14/10mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yello	w) 60/50/50mcd	15/10/30mcd	2.0V/2.2V/2.1V
Bi-color - The	color is changed by reversing the po	larity of the supply vo	ltage.
Tri-color - The indic	ator has red and green LEDs, when b	oth connected yellow	is produced.
Super Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	17,000mcd	2,000mcd	2.2V
Green	11,000mcd	680mcd	3.5V
Yellow	4,000mcd	350mcd	2.3V
Blue	2,500mcd	250mcd	3.3V
White	4,400mcd	250mcd	3.3V
Orange	2800mcd	300mcd	2.1V
Hyper Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	2,800mcd	800mcd	2.1V
Green	2,200mcd	250mcd	3.2V
Yellow	1,300mcd	250mcd	2.0V
Orange	850mcd	200mcd	2.1V
Lumir	nous intensity will be reduced with lov	wer operating current	

Indicators



PROMINENT BEZEL

