FEATURES

- **22 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**

RS PRO Red Indicator, 24 V ac/dc, 22mm Mounting Hole Size, Solder Tab Termination

RS Stock No.: 211-617

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

LED technology has revolutionised how we perceive bulb and light together. It is no longer high-power consumption and questionable lasting qualities. To make sure you are getting the right LED Indicator available on the current market, it is worth to explore other factors that stand out in the LED Lighting sector.

General Specifications

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

Electrical Specifications

Voltage Rating	24V ac/dc
Current Rating	20mA
Voltage Tolerance	10%

Mechanical Specifications

Mounting Hole Size	22mm
Length	51.5mm
Torque	100cNm
Lamp Size	18mm

Operation Environment Specifications

Temperature Rating	-40 to 85°C

Approvals

Compliance/Certifications	EN61340

TECHNICAL SPECIFICATIONS

Voltage	Operating Voltage (Min to Max)	Operating Current (Typical All Types)
05 (No Resistor)	3.3 to 9.9VDC	40mA max*
12VDC	10.8 to 13.2VDC	40mA
24VDC	21.6 to 26.4VDC	40mA
28VDC	25.2 to 30.8VDC	40mA
110VAC	99 to 121VAC	5mA
220VAC	207 to 253VAC	3mA

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: 100cNm

Ø 22.00 +0.15/-0.0

27.00 [1.063] AF

3.25 [0.128]

PANEL CUTOUT

M22 x 1,0 THREAD

Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	82mcd	70mcd	5.7V
Green	95mcd	66mcd	6.0V
Yellow	60mcd	59mcd	5.9V
Blue	120mcd	101mcd	9.9V
White	1,000mcd	150mcd	3.3V
Bi-color (Typical) (Red/Green)	80/50mcd	80/50mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	80/50/50mcd	80/50/50mcd	2.0V/2.2V/2.1V

Bi-color - The color is changed by reversing the polarity of the supply voltage.

Tri-color - The indicator has red and green LEDs, when both connected yellow is produced.

Super bright LED (Diffused)	Prominent and Recessed	Flush	Forward Voltage
HE Red	465mcd	800mcd	5.7V
Green	245mcd	980mcd	9.0V
Yellow	365mcd	1,250mcd	6.0V

Luminous intensity will be reduced with lower operating current.

PROMINENT BEZEL

SOLDER LUG/FASTONS

M22x1,0

25,00 [0,984] Ø

6,50 [0,256]
14,25 [0,561]
35,00 [1,378]
10,00 [0,394]
8,65 [0,341]

REAR EPOXY PINS

M22x1,0

25,00 [0,984] Ø

0,70 [0,028]
1,25 [0,049]
1,25 [0,049]

6,50 [0,256]
14,25 [0,561]
18,00 [0,709]
19,00 [0,748]
16,00 [0,630]

REAR EPOXY WIRES

M22x1,0

25,00 [0,984] Ø

6,50 [0,256]
14,25 [0,561]
18,00 [0,709]
200,0+/-10
[7,874+/-0,393]

SHORT BODY PINS

M22x1,0

25,00 [0,984] Ø

0,70 [0,028]
1,25 [0,049]
1,25 [0,049]

6,50 [0,256]
14,25 [0,561]
19,50 [0,768]
17,50 [0,689]
14,50 [0,571]

SHORT BODY WIRES

M22 x 1,0

25,00 [0,984] Ø

6,50 [0,256]
14,25 [0,561]
20,00 [0,787]
200,0+/-10
[7,874+/-0,393]