



PL318-14 Series 3mm LED Snap-in Holder

Features

- *Snap-In Panel Mount Indicator
- *Mounting Hole 4 mm (.156")
- *No mounting Hardware required
- *Housing Material Black Nylon UL94V-2
- *1 Red LED with Color Diffused Lens used
- *Standard Terminals
- *RoHS Compliant

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	90mW
Reverse Voltage (<100 μA).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-25°C to $+85^\circ\text{C}$
Storage Temperature Range.....	-40°C to $+100^\circ\text{C}$
Soldering Temperature (1.6 mm below body).....	260°C for 5 seconds

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle $2\theta \frac{1}{2}$	Forward Voltage @20mA (V)		Lumious Intensity @20mA (mcd)	
			nm	nm	Deg	Typ	Max	Typ	Max
PL31814-1R24	Red	GaP	700	650	54°	2.1	3.0	1.5	3.0

All dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.

