

P-tec Corp. Tel:(866) 695 4162  
 2405 Commerce Circle Tel:(719) 589 3122  
 Alamosa CO 81101 Fax:(719) 589 3592  
 www.p-tec.net



## PL318 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 Super Bright Red LED with Color Diffused Lens used
- \*26AWG 6" (+) Red and (-) Black Wire Leads
- \*RoHS Compliant

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

Power Dissipation.....	66mW
Reverse Voltage (<100 $\mu\text{A}$ ).....	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°C
Storage Temperature Range.....	-40°C to +100°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 $2\theta_{1/2}$	Forward Voltage @20mA (V)		Lumious Intensity @20mA (mcd)	
						Typ	Max	Typ	Max
6" Wire Leads			nm	nm	Deg				
PL318-1R21-2	Deep Red	AlGaAs	660	643	54°	1.8	2.2	50.0	90.0

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

