

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



PL318-14 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 Bi-Color Green/Yellow LED with White Diffused Lens used
- *26AWG 6" (+Green) Red and (+Yellow) Black Wire Leads
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

| | |
|--|---------------------|
| Power Dissipation..... | 78mW |
| 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°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°C

| Part Number | Emitting Color | Chip Material | Peak Wave Length | Dominant Wave Length | Viewing Angle 2θ ½ | Forward Voltage @20mA (V) | | Lumious Intensity @20mA (mcd) | |
|-------------------|-----------------|---------------|------------------|----------------------|--------------------|---------------------------|-----|-------------------------------|-------------|
| | | | nm | nm | Deg | Typ | Max | Typ | Max |
| PL31814-1GY1301-2 | Green Yellow | GaP GaAsP | 567 585 | 572 590 | 110° | 2.1 | 2.6 | 5.0 4.0 | 11.0 9.0 |

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.

