

P-tec Corp. Tel:(800)688-0613
 2405 Commerce Circle Tel:(719) 589 3122
 Alamosa Co. 81101 Fax:(719) 589 3592
 www.p-tec.net sales@p-tec.net



PL314 Series 3mm LED Right Angle Quad Level Holder

Features

- *Space Saving Quad Level PCB Indicator
- *Housing Material Black Nylon UL94V-2
- *High Light Output
- *4 Hi-Eff Red LED with Color Diffused Lens used
- *LEDs arranged from Top to Bottom
- *RoHS Compliant

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

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 $^\circ\text{C}$ to +85 $^\circ\text{C}$
Storage Temperature Range.....	-40 $^\circ\text{C}$ to +100 $^\circ\text{C}$
Soldering Temperature (1.6 mm below body).....	260 $^\circ\text{C}$ 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)	
						Typ	Max	Typ	Max
Color Diffused Lens			nm	nm	Deg				
PL314-4R12	Orange-Red	GaAsP	635	626	55 $^\circ$	2.1	2.6	10.0	20.0

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

