

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



## PL314A Series 3mm LED Right Angle Quad Level Holder

### Features

- \*Space Saving Quad Level PCB Indicator with embedded LEDs
- \*Housing Material Black Nylon UL94V-2
- \*High Light Output
- \*4 Hi-Eff Red LEDs 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 $\mu\text{A}$ ).....	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 $2\theta \frac{1}{2}$	Forward Voltage @20mA (V)		Lumious Intensity @20mA (mcd)	
						Typ	Max	Typ	Max
PL314A-4R12	Orange-Red	GaAsP	635	626	55°	2.1	2.6	10.0	20.0

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

