

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



## PL317 Series 3mm LED Tri-Level Right Angle Holder

### Features

- \*Space Saving Tri-Level PCB Indicator
- \*Housing Material Black Nylon UL94V-2
- \*High Light Output
- \*Narrow 1.9mm Lead Spacing
- \*1 Hi-Eff Red, 1 Yellow & 1 Green LED with Color Diffused Lens used
- \*LEDs arranged from Top to Bottom
- \*RoHS Compliant

### Absolute Maximum Ratings at T<sub>A</sub> = 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°
Soldering Temperature (1.6 mm below body).....	260°C for 5 seconds

### Electrical & Optical Characteristics at T<sub>A</sub> = 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)	
						Typ	Max	Typ	Max
Color Diffused Lens			nm	nm	Deg				
PL317-1R1Y1G120113	Orange-Red	GaAsP	635	626	55°	2.1	2.6	13.0	29.0
	Yellow	GaAsP	585	590		2.1	2.6	10.0	23.0
	Green	GaP	567	572		2.1	2.6	10.0	23.0

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

