

P-tec Corporation 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



## PL315 Series Bi-Color 3mm LED Right Angle Bi-Level Holder

### Features

- \*Space Saving Bi-Level PCB Indicator
- \*Housing Material Black Nylon UL94V-0
- \*High Light Output
- \*2 Bi-Color Three Leaded Yellow/Green LEDs used
- \*LEDs arranged from Top to Bottom
- \*Common Cathode
- \*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°C    |
| Soldering Temperature (1.6 mm below body).....                 | 260° 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 | Min                           | Typ  |
| White Diffused Lens |                 |               | nm               | nm                   | Deg                |                           |     |                               |      |
| PL315-2YG0113       | Yellow<br>Green | GaAsP<br>GaP  | 585              | 590                  | 80°                | 2.1                       | 2.6 | 10.0                          | 20.0 |
|                     |                 |               | 567              | 572                  |                    | 2.1                       | 2.6 | 11.0                          | 20.0 |

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

