

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



PL00201 Series SMD LED 1206 Package

Features

- *Flat Lens Thin Package 3.2 x 1.6 x 0.75mm
- *GaP Green LED Chip used
- *Low Current Requirements
- *High Light Output
- *Compatible with IR Solder-Process
- *Industry Standard Footprint
- *2000 or 1000 pcs per Reel
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

| | |
|--|----------------------|
| Power Dissipation..... | 40mW |
| Reverse Voltage (<100μA) | 5.0V |
| Max Forward Current | 25mA |
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)..... | 100mA |
| Operating Temperature Range | -40°C to +85°C |
| Storage Temperature Range | -40°C to +85°C |
| Reflow Soldering Temperature..... | 260°C for 10 seconds |

Electrical & Optical Characteristics at T_A = 25°C

| Part Number | Emitting Color | Chip Material | Dominant Wave Length | Peak Wave Length | Viewing Angle 2θ1/2 | Forward Voltage @20mA (V) | | Luminous Intensity @20mA (mcd) | |
|------------------|----------------|---------------|----------------------|------------------|---------------------|---------------------------|-----|--------------------------------|------|
| | | | | | | Typ | Max | Min | Typ |
| Water Clear Lens | | | nm | nm | Deg | | | | |
| PL00201-WCG13 | Green | GaP | 570 | 568 | 120° | 2.2 | 2.6 | 5.0 | 12.0 |

Package Dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.

