



PL008 Series SMD LED PLCC-2 Package Green

Features

- *PLCC-2 Package 3.2 x 2.7 x 1.9 mm
- *High Luminous Output
- *Very Wide Viewing Angle
- *For use as Optical Indicator, Backlighting
- *For Optical Coupling into Light Pipes/Lenses
- *12mm Tape, 2000pc Reels
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

| | |
|--|---------------------|
| Power Dissipation..... | 78mW |
| Reverse Voltage (<100μA)..... | 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 |
| Reflow Soldering Temperature..... | 260°C for 5 seconds |

Electrical & Optical Characteristics at T_A = 25°C

| Part Number | Emitting Color | Chip Material | Peak Wave Length | Dominant Wave Length | Viewing Angle 2θ ½ | Forward Voltage @20mA (V) | | Luminous Intensity @20mA (mcd) | |
|------------------|----------------|---------------|------------------|----------------------|--------------------|---------------------------|-----|--------------------------------|------|
| | | | | | | Typ | Max | Min | Typ |
| Water Clear Lens | | | nm | nm | Deg | | | | |
| PL008-WCG13 | Green | GaP | 567 | 572 | 120° | 2.1 | 2.6 | 9.0 | 15.0 |

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

