



PL00130 Series SMD LED 0603 Package Top View

Features

- *Flat lens thin package 1.6 x 0.8 x 0.8mm
- *Low current requirements
- *High light output
- *Compatible with IR solder-process
- *Industry standard footprint
- *4000 pcs per reel
- *RoHS compliant

Absolute Maximum Ratings at T_A = 25°C

| | |
|--|----------------------|
| Power Dissipation | 78mW |
| Reverse Voltage (<10μA) | 5.0V |
| Max Forward Current | 30mA |
| 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 |
| PL00130-WCA03 | Amber | AlInGaP | 605 (nm) | 610 (nm) | 110° (Deg) | 2.1 | 2.6 | 57 | 117 |

Package Dimensions are in **Millimeters**. Tolerance is ± 0.15mm unless otherwise specified.

