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PL00250 Series SMD LED 1206 Package

Features

- *Round Dome Lens Package 3.2 x 1.6 x 1.8mm
- *AlGaInP Ultra Bright Red Chip used
- *Narrow Viewing Angle
- *Low Current Requirements
- *Ultra High Light Output
- *Compatible with IR Solder-Process
- *Industry Standard Footprint
- *1000 pcs per Reel
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

| | |
|--|----------------------|
| Power Dissipation..... | 72mW |
| Reverse Voltage (<100μA) | 5.0V |
| Max Forward Current | 30mA |
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)..... | 150mA |
| 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 | Peak Wave Length | Dominant Wave Length | Viewing Angle 2θ1/2 | Forward Voltage @20mA (V) | | Luminous Intensity @20mA (mcd) | |
|------------------|----------------|---------------|------------------|----------------------|---------------------|---------------------------|-----|--------------------------------|-------|
| | | | | | | Typ | Max | Min | Typ |
| Water Clear Lens | | | nm | nm | Deg | | | | |
| PL00250-WCR26 | Red | AlGaInP | 650 | 630 | 40° | 1.95 | 2.4 | 135.0 | 350.0 |

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

