

PL00120 Series White SMD LED 0805 Package

Features

- *Flat lens package 2.0 x 1.25 x 1.1mm
- *Low current requirements
- *High light output
- *Compatible with IR solder-process
- *Industry standard footprint
- *3000 pcs per reel
- *RoHS compliant

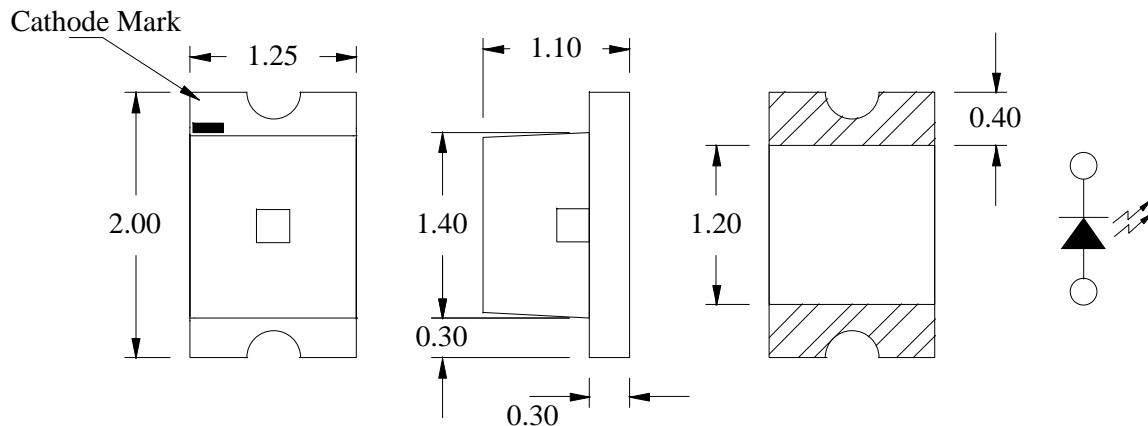
Absolute Maximum Ratings at T_A = 25°C

| | |
|---|----------------------|
| Power Dissipation | 105mW |
| Reverse Voltage (<10μA)..... | 5.0V |
| Max Forward Current | 30mA |
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) | 100mA |
| Operating Temperature Range..... | -30°C to +80°C |
| Storage Temperature Range..... | -40°C to +85°C |
| Reflow Soldering Temperature..... | 230°C for 10 seconds |

Electrical & Optical Characteristics at T_A = 25°C

| Part Number | Emitting Color | Material | Chromacity Coordinates | | View Angle 2θ ½ Deg | Forward Voltage @20mA (V) | | Luminous Intensity @20mA (mcd) | |
|-----------------|----------------|------------------|------------------------|---|---------------------------|------------------------------|-----|-----------------------------------|-------|
| | | | X | Y | | Typ | Max | Min | Typ |
| Yellow Diffused | | Phosphorous Lens | X | Y | | Typ | Max | Min | Typ |
| PL00120-YDW03 | White | InGaN | 0.31 | - | 130° | 3.3 | 3.5 | 285.0 | 450.0 |

Package Dimensions are in **Millimeters**. Tolerance is ± 0.1mm unless otherwise specified.



Recommended Solder Pad Layout

