



PL00100 Series SMD LED 1206 Package

Features

- *Flat lens package 3.2 x 1.6 x 1.1mm
- *InGaN blue LED chip used
- *Low current requirements
- *High light output
- *Industry standard footprint
- *3000 per reel
- *RoHS compliant

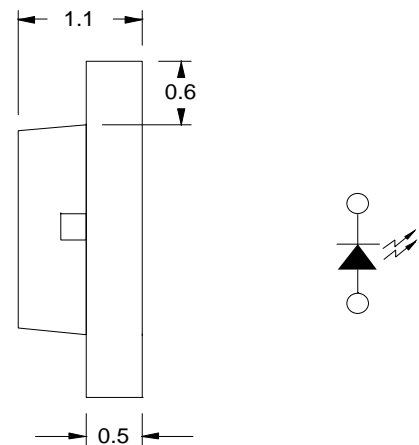
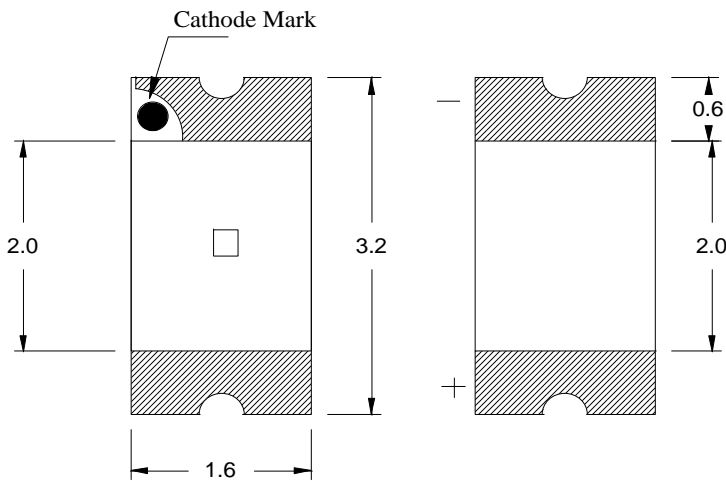
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	84mW
Reverse Voltage (<math><10\mu\text{A}</math>)	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 $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Viewing Angle 2 θ 1/2	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PL00100-WCB11	Blue	InGaN	465.5	468	140°	3.3	3.5	36.0	57.0

Package Dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.



Recommended Soldering Pad Layout

