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## PL00251 Series SMD LED 1106 Package

### Features

- \*Flat Lens Package 3.0 x 1.5 x 1.4mm with Reflector Cup
- \*Small 60° Viewing Angle
- \*GaN Ultra Bright White
- \*Low Current Requirements
- \*High Light Output
- \*Compatible with IR Solder-Process
- \*Industry Standard Footprint
- \*2000 or 1000 pcs per Reel
- \*RoHS Compliant & Pb free

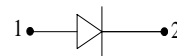
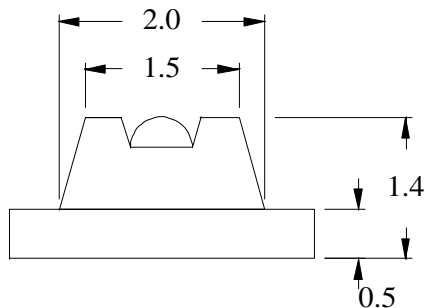
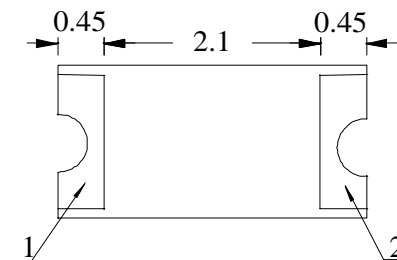
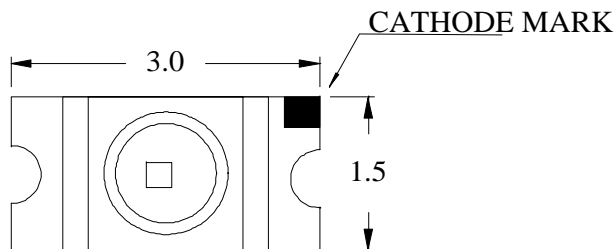
### Absolute Maximum Ratings at T<sub>A</sub> = 25°C

Power Dissipation.....	120mW
Reverse Voltage (<100μA) .....	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<sub>A</sub> = 25°C

Part Number	Emitting Color	Chip Material	Chromaticity Coordinates (Typ)		Viewing Angle 2θ1/2 Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
			X	Y		Typ	Max	Min	Typ
PL00251-WCW03	White	GaN	0.31	0.31	60°	3.5	4.0	135.0	330.0

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



#### Recommended Soldering Pad Layout

