



PL00252 Series SMD LED 1508 Package

Features

- *Round Dome Lens Package 3.8 x 2.0 x 2.7mm
- *GaN Ultra Bright White Chip used
- *Narrow Viewing Angle
- *Low Current Requirements
- *High Light Output
- *Compatible with IR Solder-Process
- *Industry Standard Footprint
- *2000 or 1000 pcs per Reel
- *RoHS Compliant

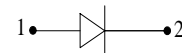
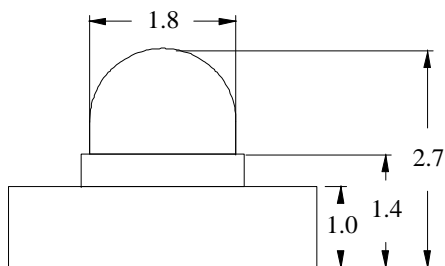
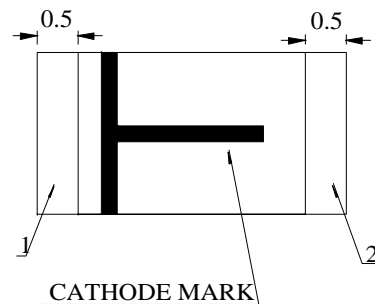
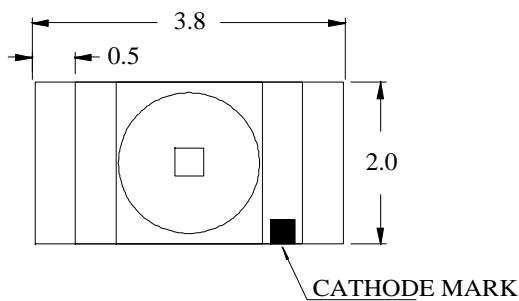
Absolute Maximum Ratings at T_A = 25°C

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_A = 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
Water Clear Lens									
PL00252-WCW03	White	GaN	0.31	0.31	40°	3.5	4.0	300.0	750.0

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



Recommended Soldering Pad Layout

