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PL008R Series SMD LED PLCC-2 Package

Features

- *Bubble Lens Package 3.2 x 2.7 x 3.6 mm
- *InGaN Ultra Bright White Chip used
- *High Luminous Output
- *Bubble Lens for a Small Viewing Angle
- *Integrated Zener Diode for ESD protection
- *12mm Tape, 500pc Reels
- *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.....	-25°C to +85°C
Storage Temperature Range.....	-40°C to +100°C
Reflow Soldering Temperature.....	260°C for 5 seconds
Electric Static Discharge Threshold (HBM).....	6000V

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Chromaticity Coordinates		Viewing Angle 2θ ½ Deg	Forward Voltage @20mA (V)		Luminous Flux @20mA (mlm)	Luminous Intensity @20mA (mcd)	
			Typ	Typ		Typ	Max		Typ	Min
Water Clear Lens			X	Y		Typ	Max	Typ	Min	Typ
PL008R-WCW15Z	White	InGaN	0.31	0.30	30°	3.2	4.0	1300	1950	4500

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

