



## PL008 Series White SMD LED PLCC-2 Package

### Features

- \*PLCC-2 Package 3.2 x 2.7 x 1.9 mm
- \*High Luminous Output
- \*Very Wide Viewing Angle
- \*For use as Optical Indicator, Backlighting
- \*For Optical Coupling into Light Pipes/Lenses
- \*12mm Tape, 2000pc Reels
- \*Integrated Zener Diode for ESD protection
- \*RoHS Compliant

### 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.....	-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<sub>A</sub> = 25°C

Part Number	Emitting Color	Chip Material	Chromaticity Coordinates		Viewing Angle 2θ ½ Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
			X Axis	Y Axis		Typ	Max	Min	Max
PL008-WCW13Z	White	InGaN/Sapphire	0.31	0.30	120°	3.2	4.0	370	650

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

