



PL008 Series SMD LED PLCC-2 Package Ultra Bright Blue

Features

- *PLCC-2 Package 3.2 x 2.7 x 1.9 mm
- *High Luminous Output
- *Very Wide Viewing Angle
- *Integrated Zener Diode for ESD protection
- *For use as Optical Indicator, Backlighting
- *For Optical Coupling into Light Pipes/Lenses
- *12mm Tape, 2000pc 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	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PL008-WCB13Z	Blue	InGaN	—	465	120°	3.2	4.0	60.0	150.0

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

