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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

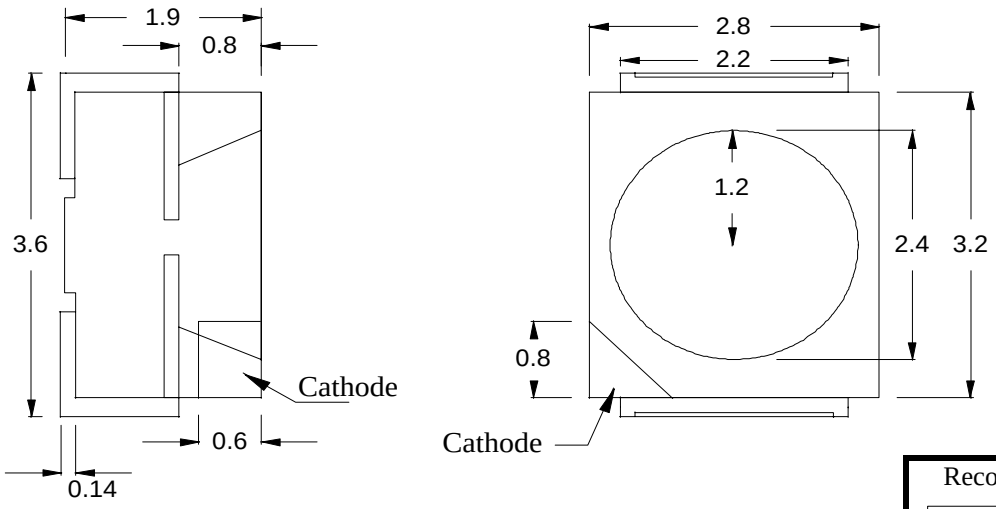
Absolute Maximum Ratings at T_A = 25°C

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)	
Water Clear Lens			nm	nm	Deg	Typ	Max	Min	Typ
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.



Recommended solder pad

