



PL008 Series SMD LED PLCC-2 Package Hi-Eff Red

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
- *RoHS Compliant

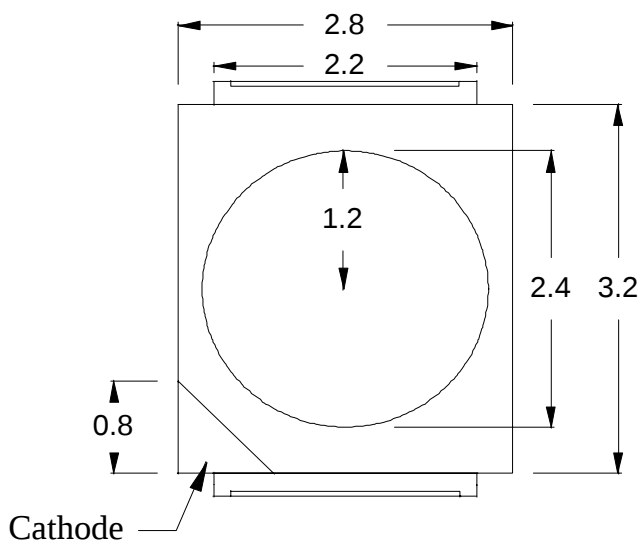
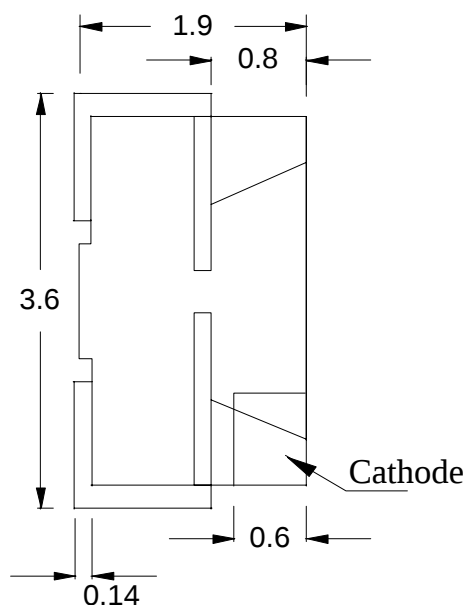
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	78mW
Reverse Voltage (<100 μ A).....	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

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle $2\theta_{1/2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL008-WCR12	Orange-Red	GaAsP	635	626	120°	2.1	2.6	10.0	20.0

Package Dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.



Recommended solder pad

