



PL008R Series SMD LED PLCC-2 Package

Features

- *Bubble Lens Package 3.2 x 2.7 x 3.6 mm
- *Ultra Bright AlInGaP Hyper Red Chip used
- *High Luminous Output
- *Bubble Lens for a Small Viewing Angle
- *12mm Tape, 500pc Reels
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	72mW
Reverse Voltage (<100μA).....	4.0V
Max Forward Current.....	50mA
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°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Flux @20mA (mlm)	Luminous Intensity @20mA (mcd)	
						Typ	Max	Typ	Min	Typ
PL008R-WCR19	Hyper Red	AlInGaP	639	630	30°	2.0	2.4	300	214	460

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

