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## PL008 Series Bi-Color Red/Green SMD LED PLCC-4 Package

### Features

- \*PLCC-4 Package 3.2 x 2.8 x 1.9 mm
- \*Very Wide Viewing Angle
- \*High Light Output
- \*Super Red & Hi-Eff Green Chips used
- \*IC Compatible
- \*Reliable and Rugged
- \*For Optical Coupling into Light Pipes/Lenses
- \*2000 pcs per 12 mm Reel
- \*RoHS Compliant

### Absolute Maximum Ratings at T<sub>A</sub> = 25 °C

Power Dissipation (Red).....	66mW
Power Dissipation (Green).....	78mW
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° for 5 seconds

### Electrical & Optical Characteristics at T<sub>A</sub> = 25 °C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	View Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm					
PL008-WCRG2115	Dark Red Green	AlGaAs GaP	660 567	643 572	120°	1.8 2.1	2.2 2.6	16.0 11.0	40.0 25.0

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

