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PL008 Series Bi-Color SMD LED PLCC-4 Package

Features

*PLCC-4 Package 3.2 x 2.8 x 1.9 mm
*GaAsP Hi-Eff Red and GaP Green chips used
*Very Wide Viewing Angle
*High Light Output
*IC Compatible
*Reliable and Rugged
*2000 pcs per 12 mm Reel
*RoHS Compliant

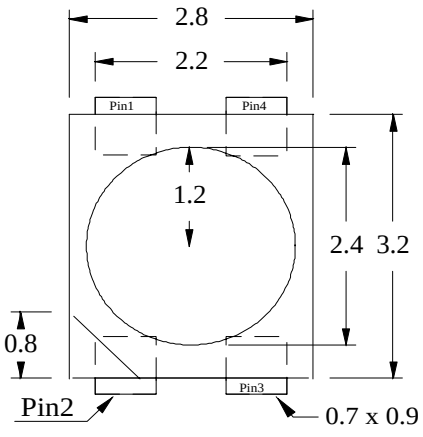
Absolute Maximum Ratings at T_A = 25 °C

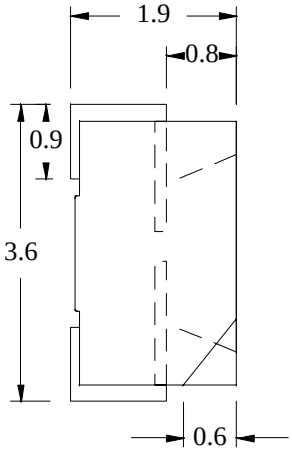
Power Dissipation (Red)	78mW
Power Dissipation (Green)	78mW
Reverse Voltage (<100µA)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-25°C to + 85°C
Storage Temperature Range	-40°C to + 100°C
Reflow Soldering Temperature	260° for 5 seconds

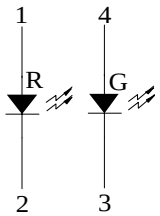
Electrical & Optical Characteristics at T_A = 25 °C

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		Typ	Max	Min	Typ
PL008-WCRG1213	Orange-Red Green	GaAsP GaP	635 567	626 572	120°	2.1 2.1	2.6 2.6	9.0 9.0	15.0 14.0

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







Recommended solder pad

