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PL00182 Series Bi-Color SMD LED 1210 Package

Features

*Flat lens thin package 3.2 x 2.7 x 1.1mm
*Low current requirements
*High light output
*Compatible with IR solder-process
*Industry standard footprint
*4000 pcs per reel
*RoHS compliant

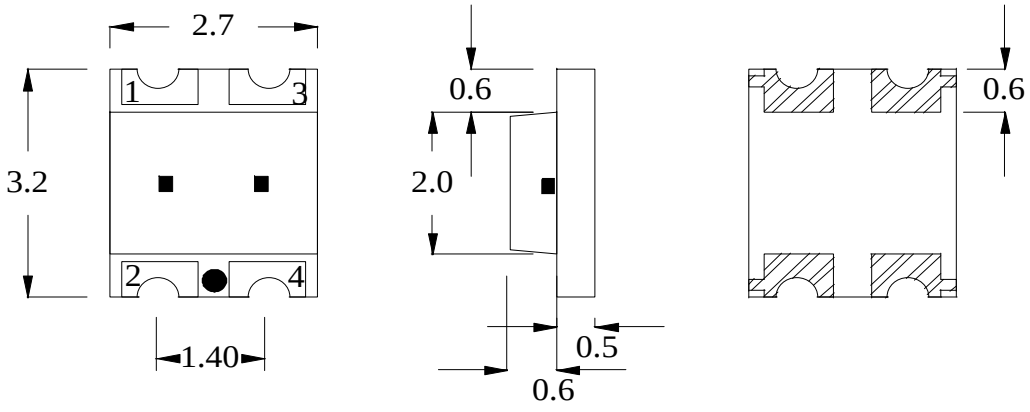
Absolute Maximum Ratings at T_A = 25°C

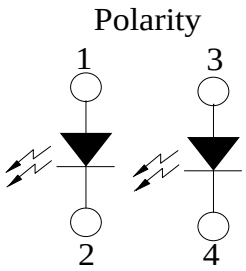
Power Dissipation	69mW (R), 65mW (G)
Reverse Voltage (<10μA)	5.0V
Max Forward Current	30mA
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Reflow Soldering Temperature	260°C for 10 seconds

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Viewing Angle 2θ1/2	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
Water Clear Lens			(nm) Typ	(nm) Typ	Deg	Typ	Max	Min	Typ
PL00182-WCRG2011	Dark Red	AlGaAs	643	660	120°	1.9	2.3	7.2	18
	Green	GaP	568	570		2.3	2.7	7.2	18

Package Dimensions are in **Millimeters**. Tolerance is ± 0.15mm unless otherwise specified.





Recommended Soldering Pad Layout

