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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

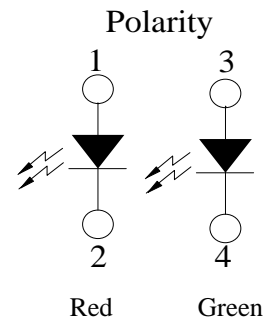
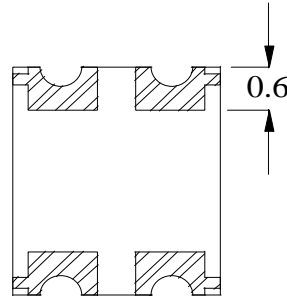
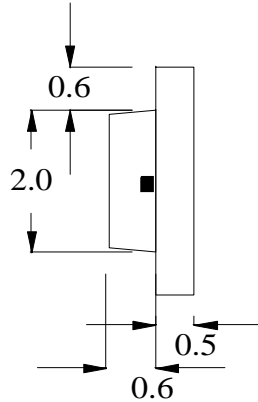
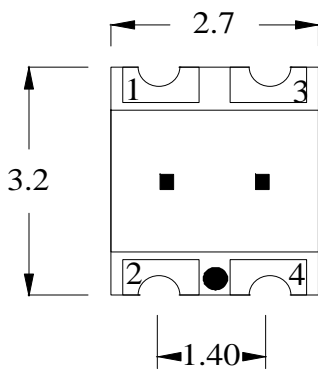
Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	78mW
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)	
						Typ	Max	Min	Typ
Water Clear Lens			(nm)	(nm)	Deg				
PL00182-WCRG1817	Ultra-Bright Red	AllnGaP	631	645	120°	2.2	2.6	45	115
	Ultra-Bright Green	AllnGaP	573	575		2.2	2.6	18	45

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



Recommended Soldering Pad Layout

