



## PL00182 Series Bi-Color SMD LED 1210 Package

### Features

- \*Flat Lens Package 3.2 x 2.7 x 1.1 mm
- \*GaAsP Yellow and GaP Green Chip used
- \*High Light Output
- \*Compatible with IR Solder-Process
- \*Industry Standard Footprint
- \*3000 pcs. per Reel
- \*RoHS Compliant

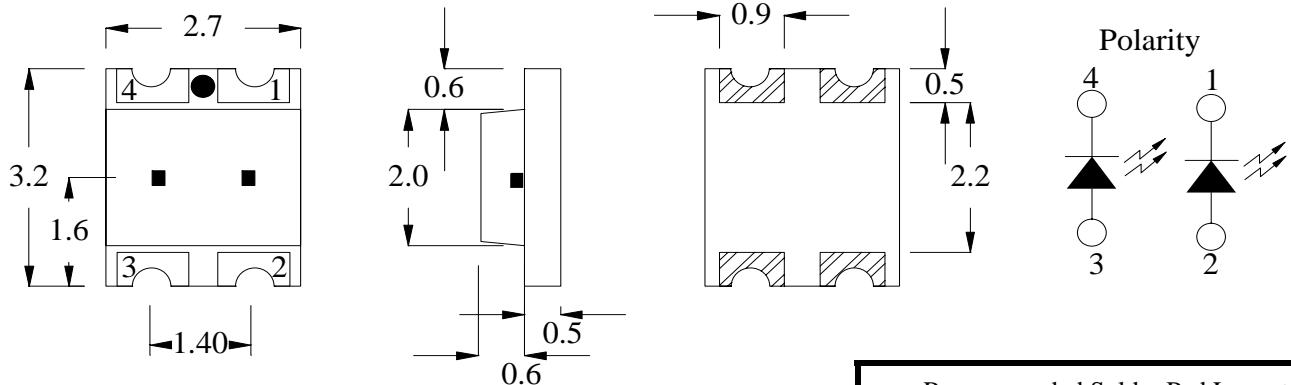
### Absolute Maximum Ratings at T<sub>A</sub> = 25 °C

Power Dissipation (Yellow).....	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.....	-30°C to + 80°C
Storage Temperature Range.....	-40°C to + 85°C
Reflow Soldering Temperature.....	260°C for 10 seconds

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

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PL00182-WCYG2213	Yellow Green	GaAsP GaP	585	583	130°	2.1	2.6	5.0	10.0
			570	568		2.2	2.6	8.0	15.0

Package Dimensions are in **Millimeters**. Tolerance is ± 0.1mm unless otherwise specified.



### Recommended Solder Pad Layout

