



PL00295 Series SMD LED Bi-Color Right Angle 1104 Package

Features

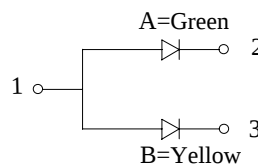
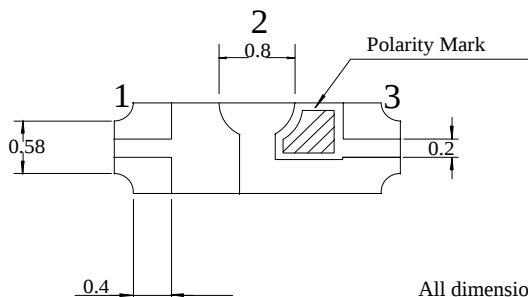
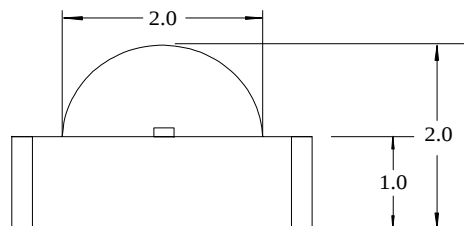
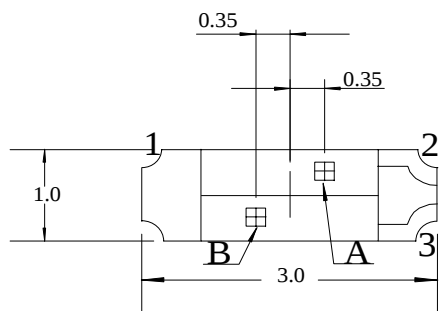
- *Oval Lens Side View Package 3.0 x 2.0 x 1.0mm
- *AlGaInP Ultra Bright Green and Yellow Chip used
- *Low Current Requirements
- *High Light Output
- *Compatible with IR Solder-Process
- *Industry Standard Footprint
- *2000 or 1000 pcs per Reel
- *RoHS Compliant

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation (Green).....	78mW
Power Dissipation (Yellow).....	78mW
Reverse Voltage (<10 μ A).....	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 $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Viewing Angle 2 θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL00295-WCGY1708	Yellow Green Yellow	AlGaInP AlGaInP	570	574	120°	2.1	2.6	35.0	70.0
			590	592		2.1	2.6	35.0	70.0



All dimensions are in **Millimeters**.
 Tolerance is $\pm 0.15\text{mm}$ unless otherwise specified.

Recommended Solder Pad Layout

