



## PL00234 Series Bi-Color SMD LED 0605 Package

### Features

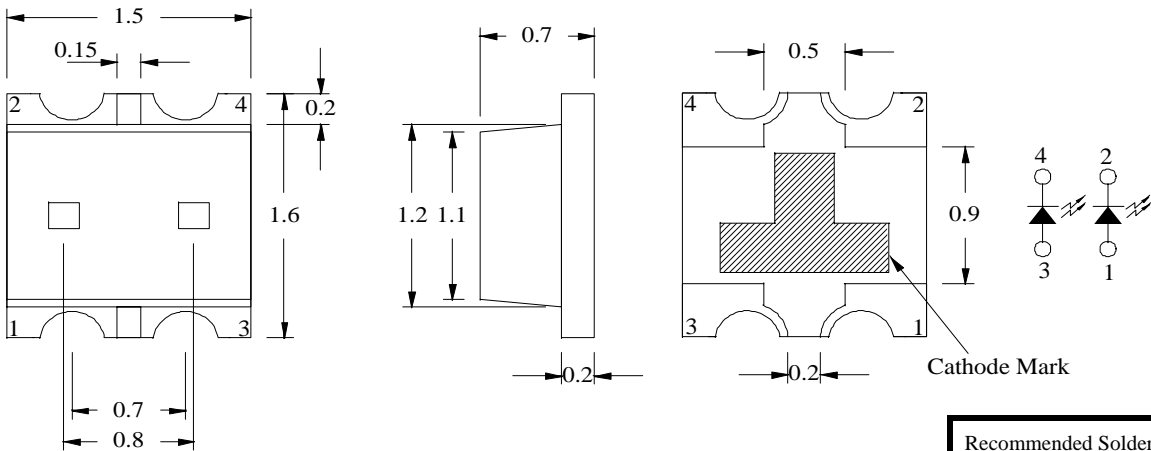
- \*Flat Lens Package 1.6 x 1.5 x 0.7 mm
- \*GaP Green and GaAsP Yellow Chips used
- \*Low Current Requirements
- \*High Light Output
- \*Compatible with IR Solder-Process
- \*Industry Standard Footprint
- \*For use as Optical Indicator, Backlighting
- \*2000 or 1000 pcs per Reel
- \*RoHS Compliant

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

Power Dissipation (Yellow).....	75mW
Power Dissipation (Green).....	65mW
Reverse Voltage (<100 mA).....	5.0V
Max Forward Current (Yellow).....	30mA
Max Forward Current (Green).....	25mA
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 $2\theta_{1/2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg	Typ	Max	Min	Typ
PL00234-WCGY1301	Green Yellow	GaP GaAsP	570 590	568 589	120°	2.1 2.1	2.6 2.5	5.0 5.0	12.0 12.0



Package Dimensions are in **Millimeters**.  
 Tolerance is  $\pm 0.25\text{mm}$  unless otherwise specified.

#### Recommended Solder Pad Layout

