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## PL00230 Series SMD LED 0603 Package

### Features

- \*Flat Lens Thin Package 1.6 x 0.8 x 0.75mm
- \*GaAsP Amber Chip used
- \*Low Current Requirements
- \*High Light Output
- \*Compatible with IR Solder-Process
- \*Industry Standard Footprint
- \*2000 or 1000 pcs per Reel
- \*RoHS Compliant

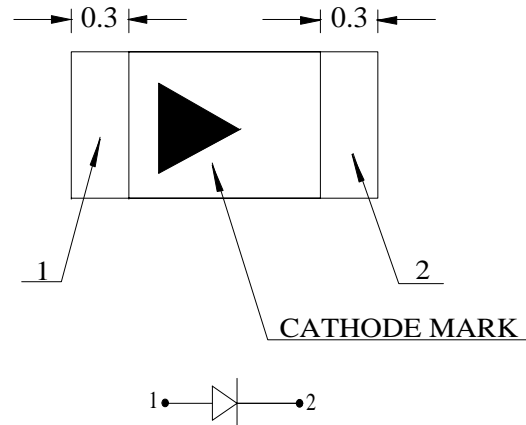
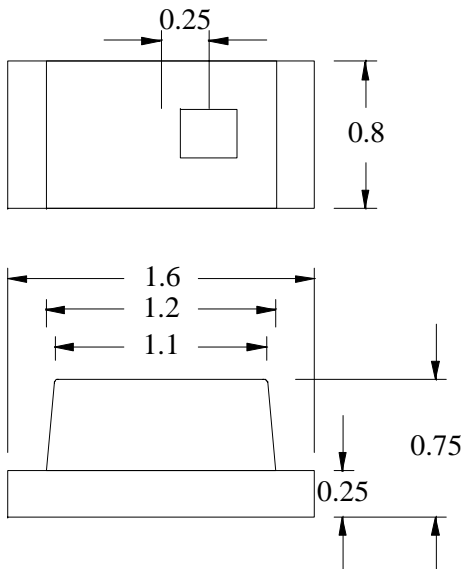
### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	75mA
Reverse Voltage (<100 $\mu\text{A}$ ) .....	5.0V
Max Forward Current .....	30mA
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width).....	150mA
Operating Temperature Range .....	-40 $^\circ\text{C}$ to + 85 $^\circ\text{C}$
Storage Temperature Range .....	-40 $^\circ\text{C}$ to + 85 $^\circ\text{C}$
Reflow Soldering Temperature.....	260 $^\circ\text{C}$ 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
PL00230-WCA02	Amber	GaAsP	605 nm	620 nm	120 $^\circ$	2.0	2.5	5.0	12.0

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



#### Recommended Soldering Pad Layout

