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PL00130 Series SMD LED 0603 Package Top View

Features

*Flat lens thin package 1.6 x 0.8 x 0.8mm
*Low current requirements
*High light output
*Compatible with IR solder-process
*Industry standard footprint
*4000 pcs per reel
*RoHS compliant

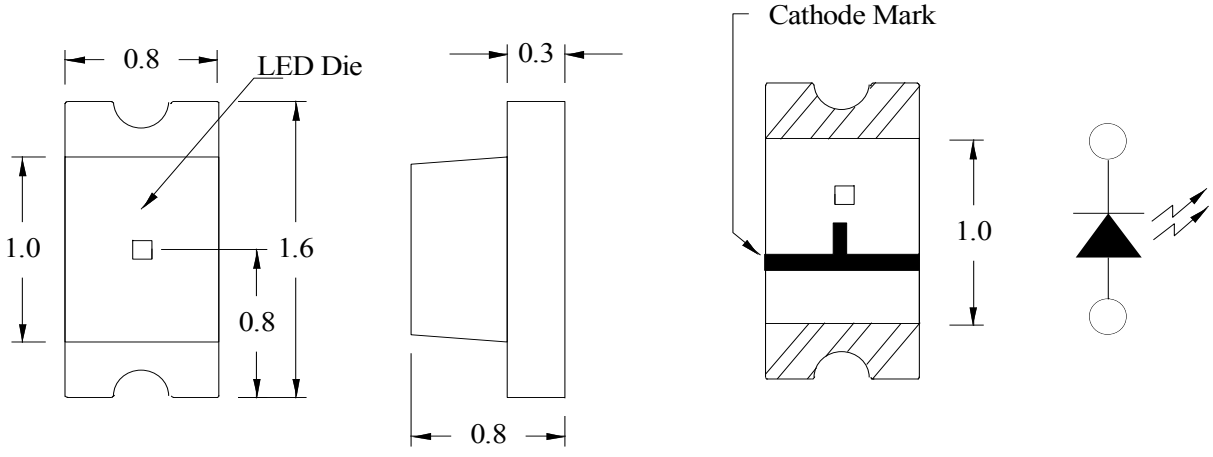
Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	65mW
Reverse Voltage (<10μA)	5.0V
Max Forward Current	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°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)	
Water Clear Lens			(nm)	(nm)	Deg	Typ	Max	Min	Typ
PL00130-WCA02	Amber	GaAsP	605	610	110°	2.2	2.6	3.6	7.2

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



Recommended Soldering Pad Layout

