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PL00130 Series SMD LED 0603 Package

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

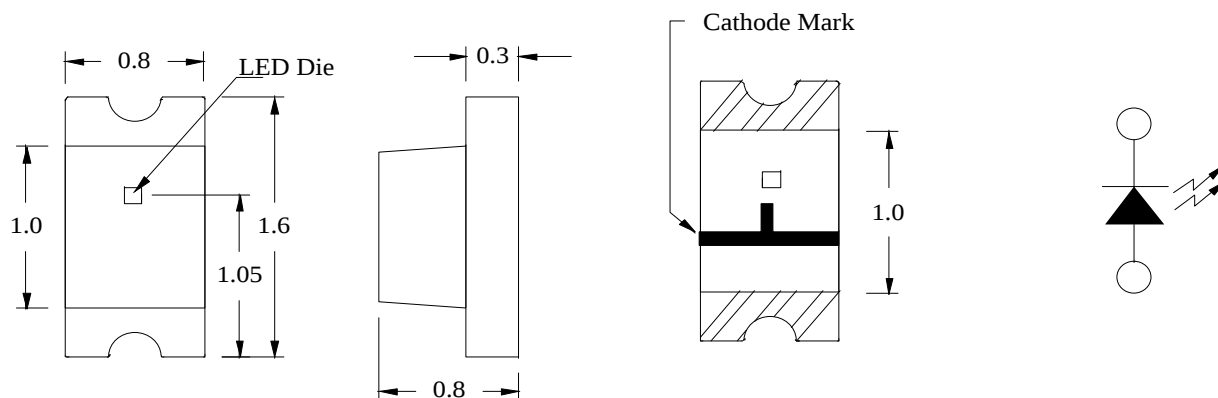
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation	78mW
Reverse Voltage ($<10\mu\text{A}$)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range	-40°C to $+85^\circ\text{C}$
Storage Temperature Range	-40°C to $+85^\circ\text{C}$
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 1/2	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL00130-WCR18	Ultra-bright Red	AlInGaP	632	645	130°	2.1	2.6	45.0	72.0

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



Recommended Soldering Pad Layout

