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PL00100 Series SMD LED 1206 Package

Features

*Flat lens package 3.2 x 1.6 x 1.1mm
*AlInGaP amber LED chip used
*Low current requirements
*High light output
*Industry standard footprint
*3000 per reel
***RoHS compliant

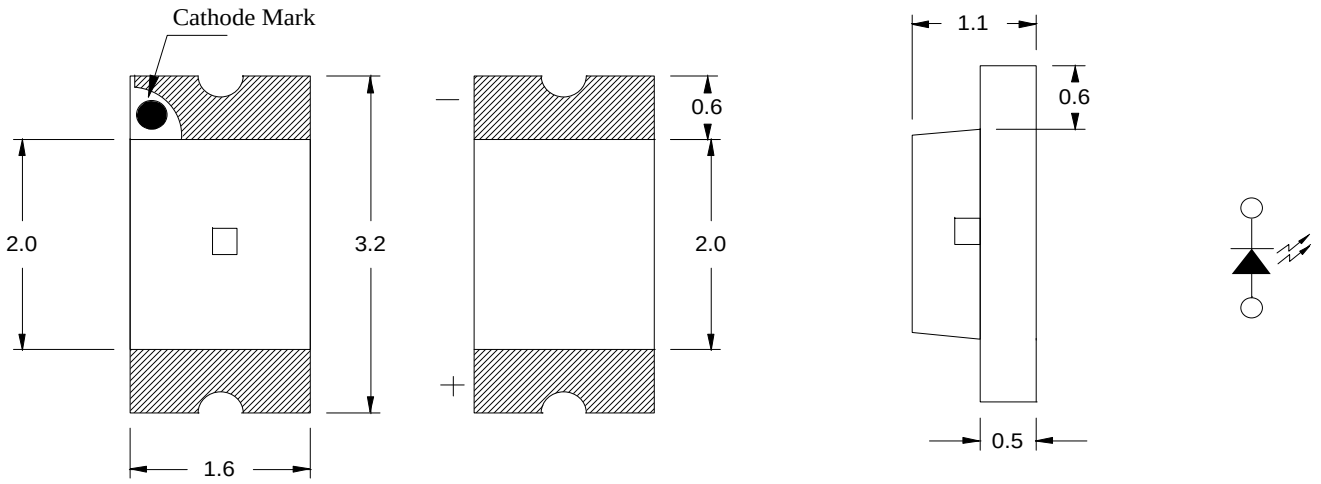
Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	78mW
Reverse Voltage (<100μA)	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°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
PL00100-WCA03	Super Bright Amber	AlInGaP	605	610	140°	2.1	2.6	57.0	117.0

Package Dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.



Recommended Soldering Pad Layout

