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PL00120 Series White SMD LED 0805 Package

Features

*Flat lens package 2.0 x 1.25 x 1.1mm
*Low current requirements
*High light output
*Compatible with IR solder-process
*Industry standard footprint
*3000 pcs per reel
*RoHS compliant

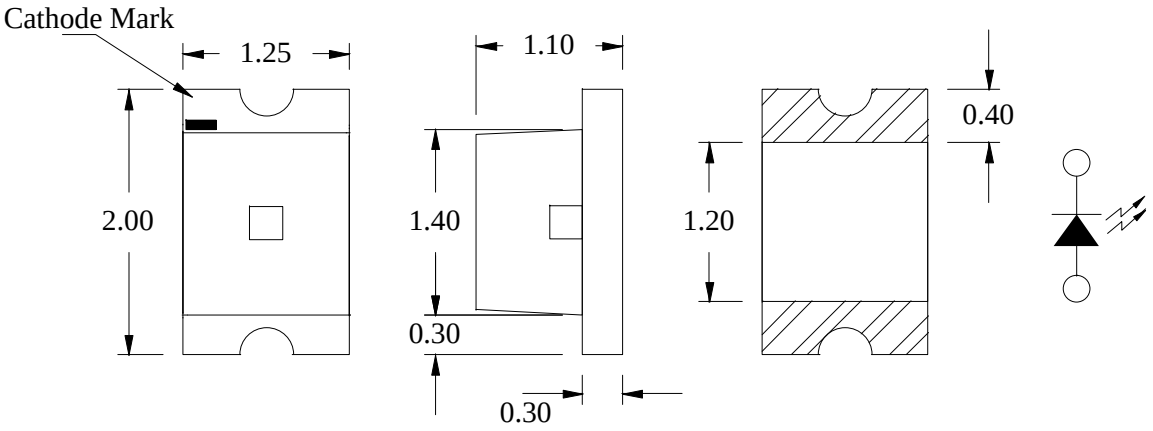
Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	105mW
Reverse Voltage (<10μA)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-30°C to +80°C
Storage Temperature Range	-40°C to +85°C
Reflow Soldering Temperature	230°C for 10 seconds

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Material	Chromacity Coordinates		View Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
Yellow Diffused		Phosphorous Lens	X	Y	Deg	Typ	Max	Min	Typ
PL00120-YDW03	White	InGaN	0.31	-	130°	3.3	3.5	285.0	450.0

Package Dimensions are in **Millimeters**. Tolerance is ± 0.1mm unless otherwise specified.



Recommended Solder Pad Layout

