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## PL00100 Series SMD LED 1206 Package

### Features

- \*Flat lens package 3.2 x 1.6 x 1.1mm
- \*InGaN white Chip used
- \*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<sub>A</sub> = 25°C

Power Dissipation.....	105mW
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 +80°C
Storage Temperature Range .....	-40°C to +85°C
Reflow Soldering Temperature.....	260°C for 10 seconds

### Electrical & Optical Characteristics at T<sub>A</sub> = 25°C

Part Number	Emitting Color	Chip Material	Chromaticity Coordinates Typ		Viewing Angle 2θ1/2 Degrees	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
			X	Y		Typ	Max	Min	Typ
PL00100-YDW03	White	InGaN	0.31	0.31	140°	3.5	4.2	285.0	450.0

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

