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PL0066 Series SMD High Power LED Ceramic Package

Features

- *Ceramic 6.0 x 6.0 x 0.7mm Package
- *High Luminous Output
- *Ultra Bright Pure Green
- *Very Wide Viewing Angle
- *1000 pc reels, 12mm Tape
- *RoHS Compliant

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

Power Dissipation.....	120mW
Reverse Voltage (<math><100\mu\text{A}</math>).....	5.0V
Max Forward Current (per chip).....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-25°C to $+85^\circ\text{C}$
Storage Temperature Range.....	-40°C to $+100^\circ\text{C}$
Reflow Soldering Temperature.....	260°C for 10 seconds
Electric Static Discharge Threshold (HBM).....	300V

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle $2\theta_{1/2}$	Forward Voltage @320mA (V)		Luminous Flux @320mA (lm)	
						Typ	Max	Min	Max
Water Clear Lens			nm	nm	Deg				
PL0066-WCG46	Pure Green	InGaN	—	520	120°	3.2	4.0	18.0	51.6

Package Dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.

