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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 Yellow
- \*Very Wide Viewing Angle
- \*1000 pc reels, 12mm Tape
- \*RoHS Compliant

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

Power Dissipation.....	78mW
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.....	$-25^\circ\text{C}$ to $+85^\circ\text{C}$
Storage Temperature Range.....	$-40^\circ\text{C}$ to $+100^\circ\text{C}$
Reflow Soldering Temperature.....	$260^\circ\text{C}$ for 10 seconds

### 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	Max	Deg				
PL0066-WCY02	Yellow	AlGaInP	589	591	$120^\circ$	2.1	2.6	10.7	30.5

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

