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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 Hyper Red
- *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°C to +85°C
Storage Temperature Range.....	-40°C to +100°C
Reflow Soldering Temperature.....	260°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-WCR33	Orange-Red	AlGaInP	632	625	120°	2.1	2.6	13.9	39.7

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

