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PL0084 Series SMD LED PLCC-4 Package Ultra Bright Orange-Red

Features

- *PLCC-4 Package 3.2 x 2.7 x 1.9 mm
- *High Luminous Output
- *Very Wide Viewing Angle
- *For use as Optical Indicator, Backlighting
- *For Optical Coupling into Light Pipes/Lenses
- *2000 pc reels, 12mm Tape
- *Integrated Zener Diode for ESD protection
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	72mW
Reverse Voltage (<100µA).....	5.0V
Max Forward Current.....	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
Electric Static Discharge Threshold (HBM).....	6000V

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	View Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL0084-WCR37Z	Orange-Red	AlGaInP	nm	nm	Deg	1.9	2.4	300	570

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

