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PL00233 Series SMD LED 0603 Package

Features

- *Flat Lens Thin Package 1.6 x 0.8 x 0.65mm
- *AlInGaP Ultra Bright Red Chip
- *Low Current Requirements
- *High Light Output
- *Compatible with IR Solder-Process
- *Industry Standard Footprint
- *2000 or 1000 pcs per Reel
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	130mW
Reverse Voltage (<100μA)	5.0V
Max Forward Current	50mA
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_A = 25°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ1/2	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm		Deg				
PL00233-WCR10	Orange-Red	AlGaInP	632	624	120°	2.0	2.6	90.0	165.0

Package Dimensions are in **Millimeters**. Tolerance is ± 0.15mm unless otherwise specified.

