



PL00232 Series SMD LED 0603 Package

Features

- *Flat Lens Ultra Thin Package 1.6 x 0.8 x 0.4mm
- *AlGaInP Ultra Bright Red Chip used
- *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.....	78mW
Reverse Voltage (<100μA)	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	150mA
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	Dominant Wave Length	Peak Wave Length	Viewing Angle 2θ1/2	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PL00232-WCR18	Red	AlGaInP	630	650	120°	2.4	2.6	35.0	60.0

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

