



PL00134 Series SMD LED 0605 Bicolor

Features

- *4 pin bi-color 0605 Package
- *AllInGaP ultra bright red & green LED chips used
- *Low current requirements
- *High light output
- *4000 per reel
- *RoHS compliant



Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	78mW
Reverse Voltage (<10μA)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Reflow Soldering Temperature.....	260°C for 5seconds

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				
PL00134-WCRG1817	Ultra Bright Red #1	AllInGaP	635	645	120	2.1	2.6	45	115
	Ultra Bright Green #2	AllInGaP	573	576	120	2.2	2.6	18	45

Package Dimensions are in Millimeters. Tolerance is ± 0.1mm unless otherwise specified.

