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PLH007 Series Bi-Color SMD LED SOT23 Package

Features

- *Flat Lens Package 3.0 x 2.8 x 1.1 mm
- *1 GaAsP Hi-Eff Red and 1 GaP Green Chip used
- *High Light Output
- *IC Compatible
- *3000 pcs per Reel
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25 °C

Power Dissipation (Red).....	78mW
Power Dissipation (Green).....	70mW
Reverse Voltage (<100µA).....	5.0V
Max Forward Current (Red).....	30mA
Max Forward Current (Green).....	25mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	50mA
Operating Temperature Range.....	-25°C to + 85°C
Storage Temperature Range.....	-40°C to + 85°C
Soldering Temperature.....	260°C for 5 seconds

Electrical & Optical Characteristics at T_A = 25 °C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PLH007-WCRG1213	Orange-Red Green	GaAsP GaP	635 570	626 567	140°	2.1 2.1	2.6 2.8	3.0 4.0	6.0 8.0

All dimensions are in **Millimeters**. Tolerance is ± 0.15mm unless otherwise specified.

