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PLH006 Series SMD LED SOT23 Package

Features

*Flat Lens Package 3.0 x 2.8 x 1.1 mm
*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	70mW
Reverse Voltage (<100 µA)	5.0V
Max Forward Current	25mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	50mA
Operating Temperature Range	-30°C to + 85°C
Storage Temperature Range	-40°C to + 85°C
Reflow Soldering Temperature	260° 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)	
Water Clear Lens			nm	nm	Deg	Typ	Max	Min	Typ
PLH006-WCG13	Green	GaP	570	567	140°	2.1	2.8	4.0	8.5

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.

