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PLH006 Series SMD LED SOT23 Package

Features

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

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	78mW
Reverse Voltage (<100 μA)	5.0V
Max Forward Current	30mA
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)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg	Typ	Max	Min	Typ
PLH006-WCR12	Orange-Red	GaAsP	635	626	140°	2.1	2.6	3.0	6.0

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

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