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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 $T_A = 25^\circ\text{C}$

Power Dissipation .....	78mW
Reverse Voltage (<100 $\mu\text{A}$ ) .....	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 $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle $2\theta_{1/2}$	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  $\pm 0.25\text{mm}$  unless otherwise specified.

