



PL763H SERIES HIGH POWER LED

Features

- *5mm Lens Piranha with Heavy Lead Frame
- *High Luminous Output
- *Meets SAE/ECE/JIS Automotive Colors
- *Packaged in 60pc tubes
- *RoHS Complaint

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation	78mW
Reverse Voltage (100 μ A Reverse Current).....	5.0V
D.C. Forward Current	30mA
Pulse Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range	-25 $^\circ\text{C}$ to +85 $^\circ\text{C}$
Storage Temperature Range	-40 $^\circ\text{C}$ to +100 $^\circ\text{C}$
Lead Soldering Temperature (1.6 mm below body)	260 $^\circ\text{C}$ for 5 seconds

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Lens Color Part Number	Material	Emitting Color	Dominant Wave Length	Peak Wave Length	View Angle 20 1/2	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)		Luminous Flux (mlm)
						Typ	Max	Min	Typ	Typ
Water Clear			nm	nm	Deg					
PL763H-WC3R33	AlGaInP	Red	625	632	30 $^\circ$	2.1	2.5	1400	2700	4000

All dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified. An epoxy meniscus may extend about 1mm down the leads.

