



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°C

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

Electrical & Optical Characteristics at T_A = 25°C

Lens Color Part Number	Material	Emitting Color	Dominant Wave Length	Peak Wave Length	View Angle 20 ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)		Luminous Flux (mlm)
						Typ	Max	Min	Typ	
Water Clear			nm	nm	Deg	Typ	Max	Min	Typ	Typ
PL763H-WC3Y02	AlGaInP	Yellow	589	591	30°	2.1	2.6	1000	2200	3000

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified. An epoxy meniscus may extend about 1mm down the leads.

