



## 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 .....	120mW
Reverse Voltage (100 $\mu$ 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 $\frac{1}{2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)		Luminous Flux (mlm)
						Typ	Max	Min	Typ	
Water Clear			nm	nm	Deg					
PL763H-WC3B21	InGaN	Blue	465	-	30 $^\circ$	3.2	4.0	700	1500	1470

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.

