

## PL523 Series 5mm LED Panel Mount Metal Holder

### Features

- \*Panel Mount Indicator with Inner Reflector
- \*Chrome or Black Finish
- \*Mounting Hole 8 mm (0.315")
- \*Mounting Hardware Included
- \*1 Hi-Eff Red LED with Color Diffused Lens used
- \*Standard Lead Terminals
- \*RoHS Compliant

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

Power Dissipation.....	78mW
Reverse Voltage (<100 $\mu$ A).....	5.0V
Max Forward Current.....	30mA
Peak Forward 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 $^\circ\text{C}$
Soldering Temperature (1.6 mm below body).....	260 $^\circ\text{C}$ for 5 seconds

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

Part Number Add <b>S</b> for Chrome Finish Add <b>B</b> for Black Finish	Emitting Color	Chip Material	Peak Wave Length nm	Dominant Wave Length nm	Viewing Angle 2 $\theta$ $\frac{1}{2}$ Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL523-1R12	Orange-Red	GaAsP	635	626	35 $^\circ$	2.1	2.6	20.0	35.0

All dimensions are in Millimeters. Tolerance is  $\pm 0.25\text{mm}$  unless otherwise specified.

