

P-tec Corp. Tel:(866) 695 4162
 2405 Commerce Circle Tel:(719) 589 3122
 Alamosa CO 81101 Fax:(719) 589 3592
 www.p-tec.net



PL524 Series 5mm LED Panel Mount Metal Holder

Features

- *Panel Mount Indicator with Outer 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 μ A).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1 ms 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 S for Chrome Finish Add B for Black Finish	Emitting Color	Chip Material	Peak Wave Length nm	Dominant Wave Length nm	Viewing Angle 2 θ 1/2 Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL524-1R12	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.

