

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



PL518 Series 5mm LED Snap-in Holder

Features

- *Snap-in Design Requires no Hardware
- *Mounting Hole 6.35 mm (0.25")
- *Housing Material Black Nylon UL94V-2
- *1 Hi-Eff Red LED with Color Diffused Lens used
- *26AWG 6" (+) Red and (-) Black Wire Leads
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

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

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	View Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
					Typ	Max	Min	Typ
Color Diffused Lens			nm	Deg				
PL518-1R12-2	Orange-Red	GaAsP	635	50°	2.1	3.0	14.0	24.0

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.

