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## PL519 Series 5mm LED Snap-in Panel Mount 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 $T_A = 25^\circ\text{C}$

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°C to +85°C
Storage Temperature Range.....	-40°C to +100°C
Soldering Temperature (1.6 mm below body).....	260° for 5 seconds

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

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2 $\theta$ 1/2	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
6" Wire Leads			nm	nm	Deg				
PL519-1R12-2	Orange-Red	GaAsP	635	626	38°	2.1	2.6	14.0	29.0

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

