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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°C

| | |
|--|--------------------|
| Power Dissipation..... | 78mW |
| 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..... | -40°C to +100°C |
| Soldering Temperature (1.6 mm below body)..... | 260° for 5 seconds |

Electrical & Optical Characteristics at T_A = 25°C

| Part Number | Emitting Color | Chip Material | Peak Wave Length | Dominant Wave Length | Viewing Angle 2θ ½ | 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 ± 0.25mm unless otherwise specified.

