



PL519M Series 5mm LED Snap-in Panel Mount Holder

Features

- *Snap-in Design Requires no Hardware
- *Mounting Hole 7.2 mm (0.287")
- *Housing Material Black Nylon UL94V-2
- *1 Three Leaded Bi-Color Hi-Eff Red/Green LED with White Diffused Lens used
- *26AWG 6" (+) Red and Green (-) Black Wire Leads
- *Common Cathode
- *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°C 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 | | | | |
| PL519M-1RG1213-2 | Orange-Red Green | GaAsP GaP | 635 567 | 626 572 | 70° | 2.1 | 2.6 | 14.0 14.0 | 35.0 34.0 |

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

