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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 Yellow LED with Color Diffused Lens used
- \*Standard Terminals
- \*RoHS Compliant

### Absolute Maximum Ratings at T<sub>A</sub> = 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<sub>A</sub> = 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) |      |
|-------------|----------------|---------------|------------------|----------------------|--------------------|---------------------------|-----|--------------------------------|------|
|             |                |               | nm               | nm                   | Deg                | Typ                       | Max | Min                            | Typ  |
| PL519-1Y01  | Yellow         | GaAsP         | 585              | 590                  | 38°                | 2.1                       | 2.6 | 10.0                           | 24.0 |

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

