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PL321 Series 3mm LED Panel Mount Metal Holder

Features

- *Panel Mount Indicator with Outer Reflector
- *Chrome or Black Finish
- *Mounting Hole 6 mm (0.236")
- *Mounting Hardware Included
- *1 Red LED with Color Diffused Lens used
- *Standard Terminals
- *RoHS Compliant

Absolute Maximum Ratings at $T_A = 25\text{ }^\circ\text{C}$

| | |
|--|---|
| Power Dissipation..... | 90mW |
| Reverse Voltage (<100 μ A)..... | 5.0V |
| Max Forward Current..... | 30mA |
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)..... | 100mA |
| Operating Temperature Range..... | -25 $^\circ\text{C}$ to +85 $^\circ\text{C}$ |
| Storage Temperature Range..... | -40 $^\circ\text{C}$ to +100 $^\circ\text{C}$ |
| Soldering Temperature (1.6 mm below body)..... | 260 $^\circ$ for 5 seconds |

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

| Part Number Add S for Chrome Finish Add B for Black Finish | Emitting Color | Chip Material | Peak Wave Length | Dominant Wave Length | Viewing Angle 2 θ 1/2 | Forward Voltage @20mA (V) | | Luminous Intensity @20mA (mcd) | |
|--|----------------|---------------|------------------|----------------------|---------------------------------|------------------------------|-----|-----------------------------------|-----|
| | | | nm | nm | Deg | Typ | Max | Min | Typ |
| PL321-1R24 | Red | GaP | 700 | 650 | 34 $^\circ$ | 2.1 | 3.0 | 1.5 | 3.0 |

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

