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## PL524 Series 5mm LED Panel Mount Metal Holder

### Features

- \*Panel Mount Indicator with Outer Reflector
- \*Chrome or Black Finish
- \*Mounting Hole 8 mm (0.315")
- \*Mounting Hardware Included
- \*1 Green LED with Color Diffused Lens used
- \*Standard Lead Terminals
- \*RoHS Compliant

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

|  |                     |
|--|---------------------|
| Power Dissipation.....   | 78mW                |
| Reverse Voltage (<100 $\mu\text{A}$ ).....                     | 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°C for 5 seconds |

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

| Part Number<br>Add <b>S</b> for Chrome Finish<br>Add <b>B</b> for Black Finish | Emitting Color | Chip Material | Peak Wave Length<br>nm | Dominant Wave Length<br>nm | Viewing Angle<br>2 $\theta$ ½<br>Deg | Forward Voltage<br>@20mA (V) |     | Luminous Intensity<br>@20mA (mcd) |      |
|--|----------------|---------------|------------------------|----------------------------|--------------------------------------|------------------------------|-----|-----------------------------------|------|
|  |                |               |                        |                            |                                      | Typ                          | Max | Min                               | Typ  |
| PL524-1G13   | Green          | GaP           | 567                    | 572                        | 35°                                  | 2.1                          | 2.6 | 17.0                              | 30.0 |

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

