



## PL24 Series 10mm Green LED

### Features

- \*Popular 10mm Lens with Flange
- \*Low Current Requirements
- \*High Light Output
- \*Narrow Viewing Angle
- \*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 (1.6mm below body).....                  | 260°C for 5 seconds |

### Electrical & Optical Characteristics at T<sub>A</sub> = 25°C

| Part Number            | Emitting Color | Chip Material | Dominant Wave Length | Peak Wave Length | View Angle<br>2θ ½ | Forward Voltage<br>@20mA (V) |     | Luminous Intensity<br>@20mA (mcd) |     |
|------------------------|----------------|---------------|----------------------|------------------|--------------------|------------------------------|-----|-----------------------------------|-----|
|                        |                |               |                      |                  |                    | Typ                          | Max | Min                               | Typ |
| Color Transparent Lens |                |               | nm                   | nm               | Deg                | Typ                          | Max | Min                               | Typ |
| PL24-CTG13             | Green          | GaP           | 572                  | 567              | 25°                | 2.1                          | 2.6 | 85.0                              | 160 |

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified. An epoxy meniscus may extend about 1mm down the leads.

