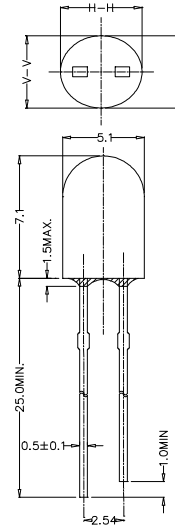


■Features

- High Power LEDs
- 5.1x4.3mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color Transparent Type

■Applications

- Automotive Dashboard Lighting
- Back Lighting

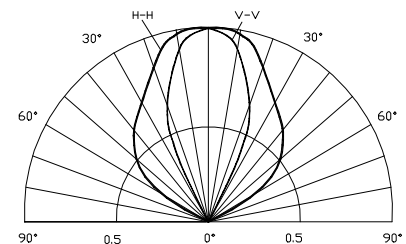
■Outline Dimension


Unit : mm
Tolerance : ±0.25mm

■Absolute Maximum Rating
(Ta=25°C)

| Item | Symbol | Value | Unit |
|----------------------------|-----------|------------|------|
| DC Forward Current | I_F | 50 | mA |
| Pulse Forward Current* | I_{FP} | 120 | mA |
| Reverse Voltage | V_R | 5 | V |
| Power Dissipation | P_D | 120 | mW |
| Operating Temperature | T_{opr} | -30 ~ +85 | °C |
| Storage Temperature | T_{stg} | -40 ~ +100 | °C |
| Lead Soldering Temperature | T_{sol} | 260°C/5sec | - |

*Pulse width Max.10ms Duty ratio max 1/10

■Directivity

■Electrical -Optical Characteristics
(Ta=25°C)

| Item | Symbol | Condition | Min. | Typ. | Max | Unit |
|--------------------|-----------------|------------|------|--------|------|------|
| DC Forward Voltage | V_F | $I_F=20mA$ | 1.8 | 2.0 | 2.4 | V |
| DC Reverse Current | I_R | $V_R=5V$ | - | - | 10 | μA |
| Domi. Wavelength | λ_D | $I_F=20mA$ | 600 | 605 | 610 | nm |
| Luminous Intensity | I_v | $I_F=20mA$ | 750 | 1120 | 1560 | mcd |
| 50% Power Angle | $2\theta_{1/2}$ | $I_F=20mA$ | - | 100/40 | - | deg |