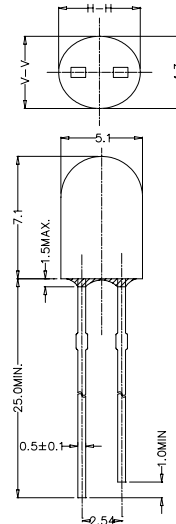


**■Features**

- Green Diffused Type
- High Luminous Output
- Horizontal oval Directivity
- Superior Weather-resistance
- RoHS Compliant

**■Applications**

- Traffic signal lamp
- Automotive Lighting
- Commercial Outdoor Signs
- O/D Sports Commercial

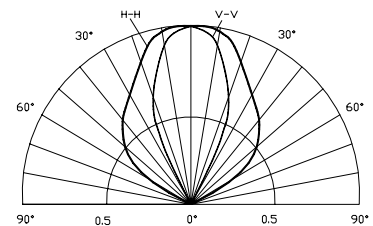
**■Outline Dimension**


Unit : mm  
Tolerance : ±0.25mm

**■Absolute Maximum Rating (Ta=25 °C)**

| Item                       | Symbol    | Value      | Unit |
|----------------------------|-----------|------------|------|
| DC Forward Current         | $I_F$     | 30         | mA   |
| Pulse Forward Current*     | $I_{FP}$  | 100        | mA   |
| Reverse Voltage            | $V_R$     | 5          | V    |
| Power Dissipation          | $P_D$     | 120        | mW   |
| Operating Temperature      | $T_{opr}$ | -30 ~ +80  |      |
| Storage Temperature        | $T_{stg}$ | -30 ~ +100 |      |
| Lead Soldering Temperature | $T_{sol}$ | 260 /3sec  | -    |

\*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 | $V_F$           | $I_F=20mA$ | 2.8  | 3.4    | 4.0  | V       |
| DC Reverse Current | $I_R$           | $V_R=5V$   | -    | -      | 30   | $\mu A$ |
| Dom. Wavelength    | $\lambda_D$     | $I_F=20mA$ | 520  | 525    | 530  | 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     |

**LED & Application Technologies**