

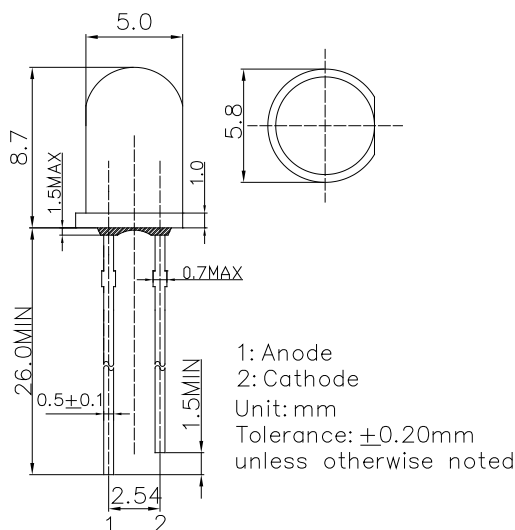
## ■Features

- High Luminous LEDs
- 5mm Standard Directivity
- UV Resistant Epoxy
- Color Diffused Type

## ■Applications

- Automotive Dashboard Lighting
- Back Lighting
- Consumer Products
- Other Lighting

## ■Outline Dimension



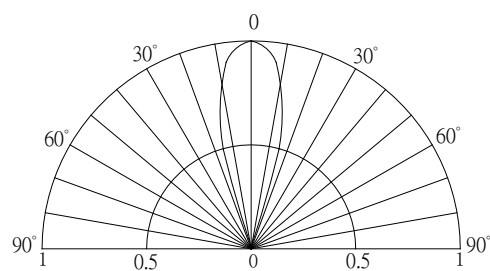
## ■Absolute Maximum Rating

(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          | $P_D$     | 102         | 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*1 | $V_F$           | $I_F=20\text{mA}$ | -    | 2.9  | 3.4  | V             |
| DC Reverse Current   | $I_R$           | $V_R=5\text{V}$   | -    | -    | 10   | $\mu\text{A}$ |
| Domi. Wavelength*2   | $\lambda_D$     | $I_F=20\text{mA}$ | 465  | 470  | 475  | nm            |
| Luminous Intensity*3 | $I_v$           | $I_F=20\text{mA}$ | 220  | 330  | -    | mcd           |
| 50% Power Angle      | $2\theta_{1/2}$ | $I_F=20\text{mA}$ | -    | 30   | -    | deg           |

\*1 Tolerance of measurements of forward voltage is  $\pm 0.1\text{V}$

\*2 Tolerance of measurements of dominant wavelength is  $\pm 1\text{nm}$

\*3 Tolerance of measurements of luminous intensity is  $\pm 15\%$