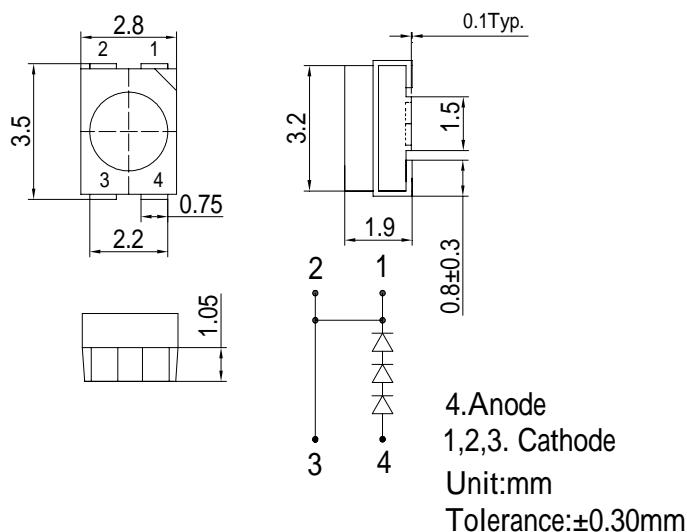


**■Features**

- High Luminous PLCC4 Power Top SMD LEDs
- 3.5x2.8x1.9mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

**■Applications**

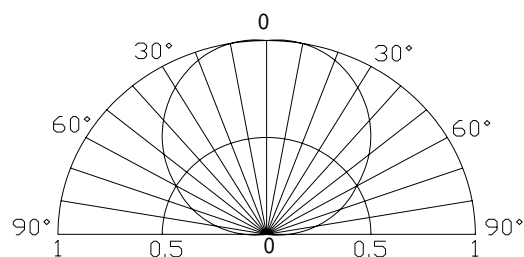
- Backlighting (switches, keys, etc.)
- Marker lights (e.g. steps, exit ways, etc.)
- Signal and Channel Letter
- Other Lighting

**■Outline Dimension**

**■Absolute Maximum Rating**

(Ta=25 )

| Item                       | Symbol          | Value     | Unit |
|----------------------------|-----------------|-----------|------|
| DC Forward Current         | I <sub>F</sub>  | 30        | mA   |
| Pulse Forward Current*     | I <sub>FP</sub> | 100       | mA   |
| Reverse Voltage            | V <sub>R</sub>  | 15        | V    |
| Power Dissipation          | P <sub>D</sub>  | 324       | mW   |
| Operating Temperature      | Topr            | -30 ~ +85 |      |
| Storage Temperature        | Tstg            | -40~ +100 |      |
| Lead Soldering Temperature | Tsol            | 260 /5sec | -    |

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

**■Directivity**

**■Electrical -Optical Characteristics**

(Ta=25 )

| Item                | Symbol            | Condition            | Min. | Typ. | Max. | Unit |
|---------------------|-------------------|----------------------|------|------|------|------|
| DC Forward Voltage  | V <sub>F</sub>    | I <sub>F</sub> =20mA | 8.7  | 9.3  | 10.8 | V    |
| DC Reverse Current  | I <sub>R</sub>    | V <sub>R</sub> =15V  | -    | -    | 10   | μA   |
| Domi. Wavelength    | λ <sub>D</sub>    | I <sub>F</sub> =20mA | 500  | 505  | 510  | nm   |
| Luminous Intensity* | I <sub>v</sub>    | I <sub>F</sub> =20mA | 2180 | 3000 | -    | mcd  |
| 50% Power Angle     | 2θ <sub>1/2</sub> | I <sub>F</sub> =20mA | -    | 120  | -    | deg  |

\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is ±15%