

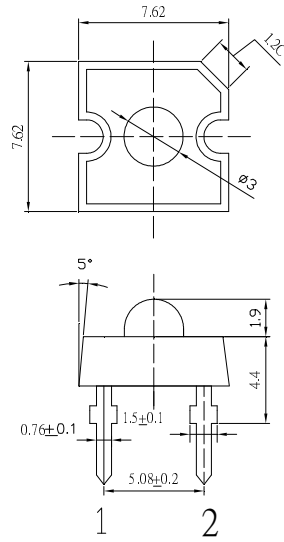
■Features

- High Luminous Super Flux Output
- 3 ø Standard Directivity
- Long Lifetime Operation
- Low Thermal Resistance
- UV Resistant Epoxy
- Water Clear Type

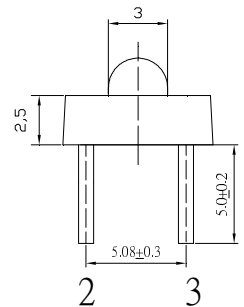
■Applications

- Interior and exterior automotive lighting (e.g. dashboard backlighting etc.)
- Backlighting (Illuminated advertising, general lighting, etc)
- Decorative Lighting
- Other Lighting

■Outline Dimension



Unit:mm
Tolerance:±0.20mm
unless otherwise noted
1,4 Anode
2,3 Cathode

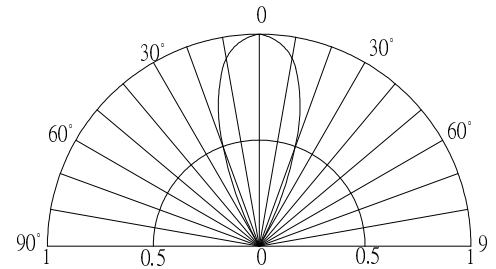


■Absolute Maximum Rating

(Ta=25°C)

| Item | Symbol | Value | Unit |
|----------------------------|-----------------|--------------|------|
| DC Forward Current | I _F | 80 | mA |
| Pulse Forward Current# | I _{FP} | 120 | mA |
| Reverse Voltage | V _R | 5 | V |
| Power Dissipation | P _D | 288 | mW |
| Operating Temperature | Topr | -30 ~ +85 | °C |
| Storage Temperature | Tstg | -40 ~ +100 | °C |
| Lead Soldering Temperature | Tsol | 260°C / 5sec | - |

■Directivity



#Pulse width Max.10ms , Duty ratio max 1/10

■Electrical -Optical Characteristics

(Ta=25°C)

| Item | Symbol | Condition | Min. | Typ. | Max. | Unit |
|----------------------|-------------------|----------------------|------|------|------|------|
| DC Forward Voltage*1 | V _F | I _F =70mA | 2.8 | 3.3 | 3.6 | V |
| DC Reverse Current | I _R | V _R =5V | - | - | 10 | μA |
| Domi. Wavelength*2 | λ _D | I _F =70mA | 465 | 470 | 475 | nm |
| Luminous Flux*3 | Φ _v | I _F =70mA | 3.5 | 4.5 | - | lm |
| Luminous Intensity*4 | I _v | I _F =70mA | 7000 | 8400 | - | mcd |
| 50% Power Angle | 2θ _{1/2} | I _F =70mA | - | 40 | - | deg |

*1 Tolerance of measurements of forward voltage is ±0.1V

*2 Tolerance of measurements of dominant wavelength is ±1nm

*3 Tolerance of measurements of luminous flux is ±15%

*4 Tolerance of measurements of luminous intensity is ±15%