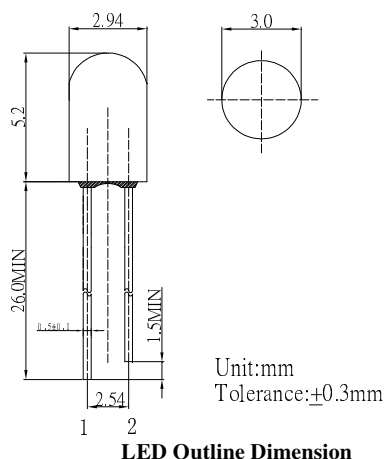


■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color Diffused Type
- Holder Color: Black

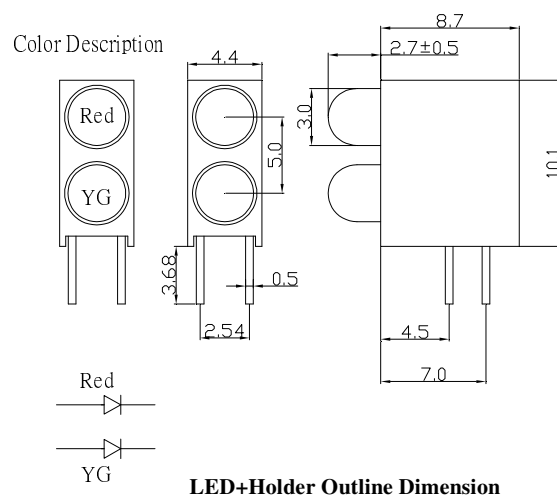
■Applications

- Indicate Lamp
- Toys/Games/ Audio
- Other Lighting



LED Outline Dimension

■Outline Dimension

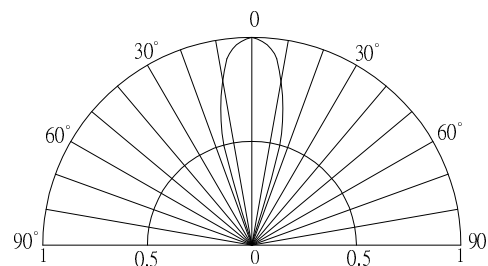


■Absolute Maximum Rating (Ta=25°C)

| Item | Symbol | Value | | Unit |
|----------------------------|------------------|------------|-----|------|
| | | Red | YG | |
| DC Forward Current | I _F | 30 | 30 | mA |
| Pulse Forward Current* | I _{FP} | 100 | 100 | mA |
| Reverse Voltage | V _R | 5 | 5 | V |
| Power Dissipation | P _D | 78 | 78 | 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 (R/YG) | I _F =20mA | 1.8 | 2.1 | 2.6 | V |
| DC Reverse Current | I _R | V _R =5V | - | - | 10 | μA |
| Domi. Wavelength | λ _D (Red) | I _F =20mA | 630 | 640 | 650 | nm |
| | λ _D (YG) | I _F =20mA | 565 | 570 | 575 | nm |
| Luminous Intensity | I _v (Red) | I _F =20mA | 100 | 150 | - | mcd |
| | I _v (YG) | I _F =20mA | 68 | 100 | - | mcd |
| 50% Power Angle | 2θ _{1/2} | I _F =20mA | - | 30 | - | deg |

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

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

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