| 5mm Round Full Color Flashing Red & Blue & Green LED |
|---|
| OST1MC5A32A |

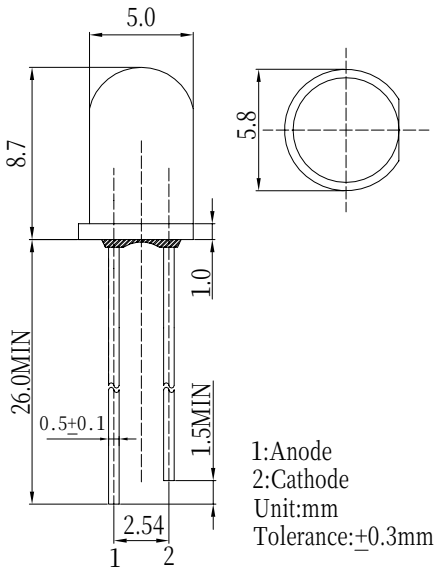
## ■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- Full Color Flashing Type
- White Diffused Type

## ■Applications

- Toys
- Games
- Audio
- Other Lighting

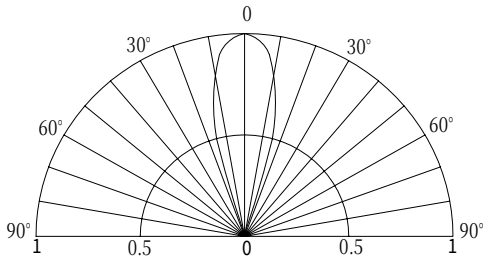
## ■Outline Dimension




## ■Absolute Maximum Rating (Ta=25℃)

| Item | Symbol | Value | Unit |
|---|---|---|---|
| Blinking Cycle | T | 12 | S |
| Power Supply | Voltage | 5.0 | V |
| Operating Temperature | Topr | -30 ~ +85 | ℃ |
| Storage Temperature | Tstg | -40 ~ +100 | ℃ |
| Lead Soldering Temperature | Tsol | 260℃/5sec | ℃ |

## ■Directivity




## ■Electrical -Optical Characteristics (Ta=25℃)

| Item | Symbol | Condition | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| DC Forward Voltage | Vdd | $I_F$=20mA | 3.8 | 4.5 | 5 | V |
| DC Reverse Current | $I_R$ | $V_R$=5V | - | - | 10 | μA |
| Domi. Wavelength | $\lambda_D$ (Red) | $I_F$=20mA | 619 | 624 | 629 | nm |
| | $\lambda_D$ (Blue) | $I_F$=20mA | 465 | 470 | 475 | nm |
| | $\lambda_D$ (Green) | $I_F$=20mA | 520 | 525 | 530 | nm |
| Luminous Intensity | Iv(Red) | $I_F$=20mA | - | 4000 | - | mcd |
| | Iv(Blue) | $I_F$=20mA | - | 2000 | - | mcd |
| | Iv(Green) | $I_F$=20mA | - | 4000 | - | mcd |
| 50% Power Angle | $2\theta_{1/2}$ | $I_F$=20mA | - | 30 | - | deg |

*1 Tolerance of dominant Wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%