5mm Round Flashing Yellow LED
OSY5SS5A31A

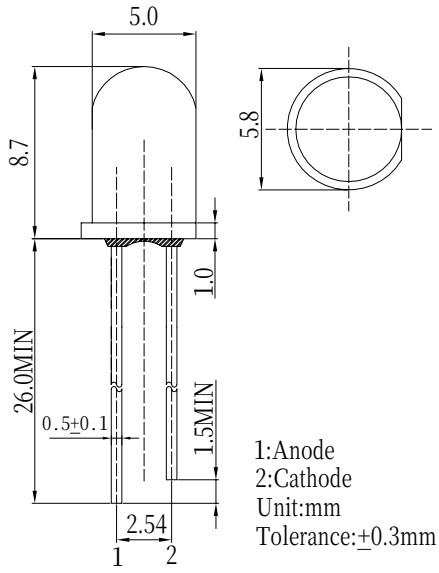
■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- Flashing Type
- Water Clear Type

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension

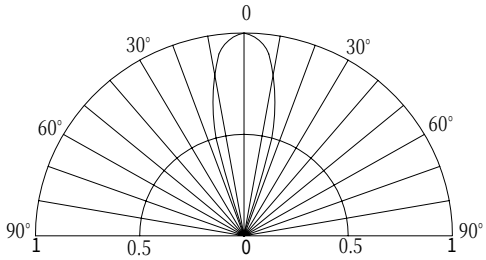


■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
Oscillator Frequency	Fled	1.8	Hz
Power Supply	Voltage	4.5	V
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	Vdd	I_F=20mA	3.0	3.3	4.5	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Domi. Wavelength*	λ_D	I_F=20mA	585	590	595	nm
Luminous Intensity*	Iv	I_F=20mA	-	2500	-	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%