

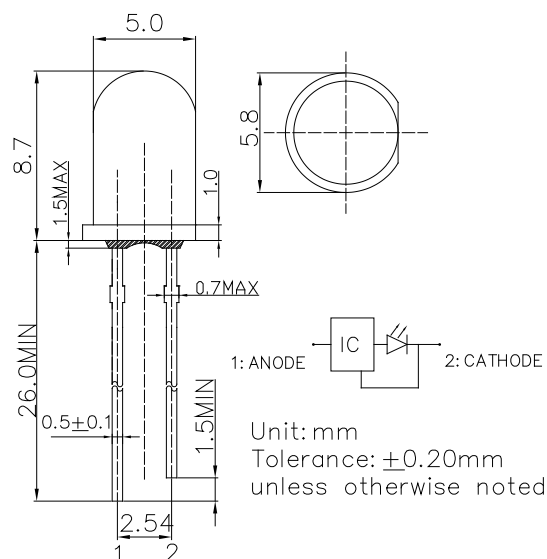
■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Flashing Type
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Toys
- Games
- Audio / Other Lighting

■Outline Dimension

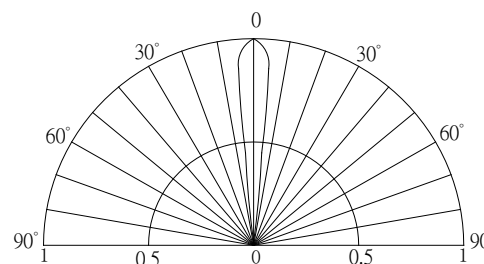


■Absolute Maximum Rating

($T_a=25^\circ\text{C}$)

Item	Symbol	Value	Unit
Forward Voltage	Voltage	5	V
Duty Cycle	Duty	1/2	-
Operating Temperature	Topr	-30 ~ +85	$^\circ\text{C}$
Storage Temperature	Tstg	-40 ~ +100	$^\circ\text{C}$
Lead Soldering Temperature	Tsol	260 $^\circ\text{C}$ /5sec	-

■Directivity



■Electrical -Optical Characteristics

($T_a=25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	Vdd	-	3.0	3.5	5.0	V
DC Forward Current*1	IF	Vdd=3.5V	-	4	-	mA
Oscillator Frequency*2	Fled	Vdd=3.5V	-	1.8	-	Hz
Color Temperature*3	CCT	Vdd=3.5V	2700	3000	3200	K
Chromaticity	x	Vdd=3.5V	-	0.45	-	
Coordinates*4	y	Vdd=3.5V	-	0.41	-	
Luminous Intensity*5	Iv	Vdd=3.5V		25000	-	mcd
50% Power Angle	2θ1/2	Vdd=3.5V	-	15	-	deg

*1 Tolerance of measurements of forward current $\pm 1\text{mA}$

*2 Tolerance of measurements of Frequency is $\pm 20\%$

*3 Tolerance of measurements of Color Temperature is $\pm 10\%$

*4 Tolerance of measurements of chromaticity coordinates is $\pm 10\%$

*5 Tolerance of measurements of luminous intensity is $\pm 15\%$