

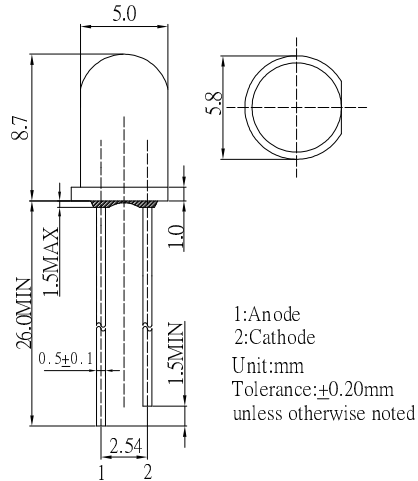
### ■ Features

- Low Current LED
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Low Power dissipation: Type. 1.8mW
- Water Clear Type

### ■ Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

### ■ Outline Dimension



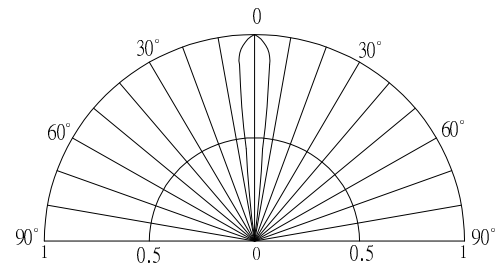
### ■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	30	mA
Pulse Forward Current#	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	78	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
Lead Soldering Temperature	T <sub>sol</sub>	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*1	V <sub>F</sub>	I <sub>F</sub> =1mA	1.6	1.8	2.3	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength*2	λ <sub>D</sub>	I <sub>F</sub> =1mA	620	625	630	nm
Luminous Intensity*3	I <sub>v</sub>	I <sub>F</sub> =1mA	220	330	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =1mA	-	15	-	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 intensity is ±15%