

Data Sheet

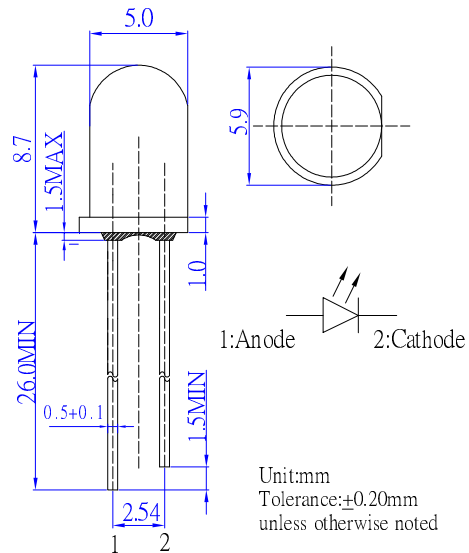
■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Resistant Epoxy
- Color Diffused Type

■ Applications

- Toys
- Audio
- Indications
- Christmas Light

■ Outline Dimension



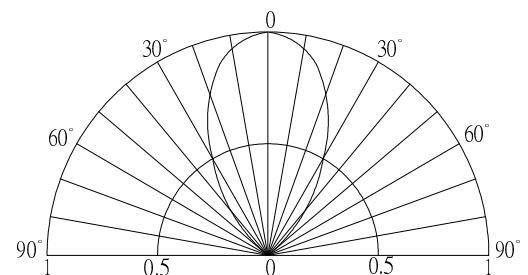
Absolute Maximum Rating

Ta=25°C

Item	Symbol	Value	Unit
DC Forward Current	I _F	30	mA
Pulse Forward Current#	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	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*1	V _F	I _F =20mA	-	2.1	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*2	λ _D	I _F =20mA	585	590	595	nm
Luminous Intensity*3	I _v	I _F =20mA	68	100	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	60	-	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%