

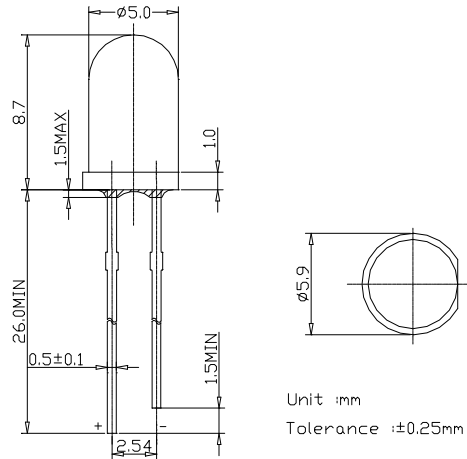
### ■Features

- High Power LEDs
- 5 $\phi$  Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

### ■Applications

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting

### ■Outline Dimension

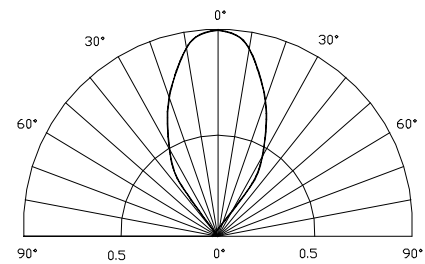


### ■Absolute Maximum Rating

(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>	120	mW
Operating Temperature	Topr	-30~ +80	°C
Storage Temperature	Tstg	-30 ~ +100	°C
Lead Soldering Temperature	Tsol	260°C/3sec	-

### ■Directivity



\*Pulse width Max.10ms Duty ratio max 1/10

### ■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	2.8	3.3	3.8	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V		-	30	μA
Domi. Wavelength	λ <sub>D</sub>	I <sub>F</sub> =20mA	520	525	530	nm
Luminous Intensity	I <sub>v</sub>	I <sub>F</sub> =20mA	2180	3000	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	60	-	deg

\*Please refer to CIE 1931 chromaticity diagram.

## LED & Application Technologies

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