

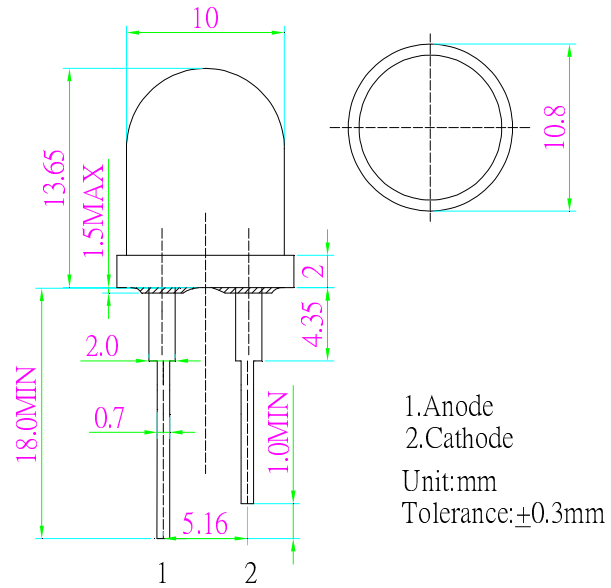
**■Features**

- High Luminous LEDs
- 10mm Round Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

**■Applications**

- Backlighting (Illuminated advertising, general lighting, etc)
- Portable (flashlight, bicycle)
- Interior and exterior automotive lighting
- Other Lighting

**■Outline Dimension**



**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	100	mA
Pulse Forward Current#	I <sub>FP</sub>	200	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	360	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

**■Electrical -Optical Characteristics**

(Ta=25°C)

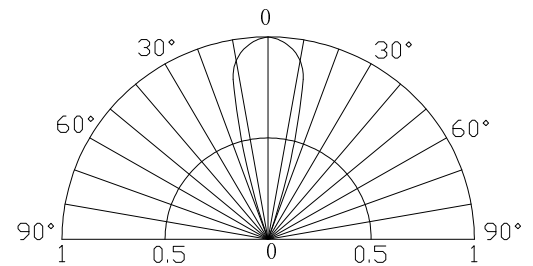
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*	V <sub>F</sub>	I <sub>F</sub> =90mA	3.0	3.3	3.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Luminous Flux*	Φ <sub>v</sub>	I <sub>F</sub> =90mA	5	10	-	lm
Domi Wavelength*	λ <sub>D</sub>	I <sub>F</sub> =90mA	455	460	465	nm
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =90mA	-	30	-	deg

\*1 Tolerance of measurements of dominant wavelength is +1nm

\*2 Tolerance of measurements of luminous intensity is +15%

\*3 Tolerance of measurements of forward voltage is ±0.1V

**■Directivity**



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