

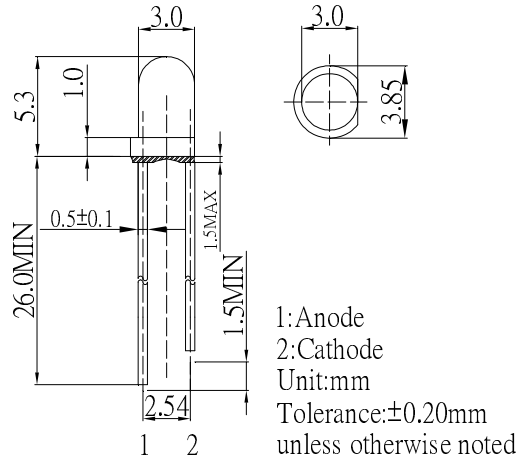
**■Features**

- High Radiant Flux LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

**■Applications**

- Automotive Dashboard Lighting
- Money Detector
- Back Lighting
- Other Lighting

**■Outline Dimension**



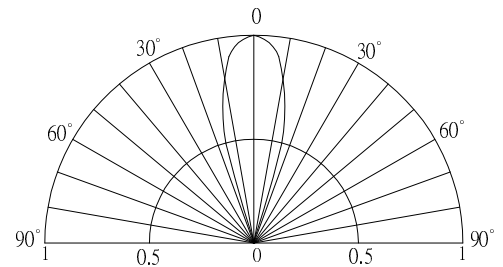
**■Absolute Maximum Rating**

(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>	114	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

#Pulse width Max.10ms Duty ratio max 1/10

**■Directivity**



**■Electrical -Optical Characteristics**

(Ta=25°C)

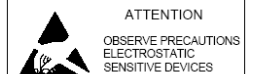
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V <sub>F</sub>	I <sub>F</sub> =20mA	3.0	3.4	3.8	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Peak Wavelength*2	λ <sub>p</sub>	I <sub>F</sub> =20mA	360	365	370	nm
Radiant flux*3	Φ <sub>e</sub>	I <sub>F</sub> =20mA	2	4	-	mW
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	30	-	deg

\*1 Tolerance of measurements of forward voltage is±0.1V

\*2 Tolerance of measurements of peak wavelength is ±1nm

\*3 Tolerance of measurements of radiant flux is ±15%

**LED & Application Technologies**



**InGaN LED**

**TYPICAL ELECTRICAL/OPTICAL CHARACTERISTIC CURVES**

