

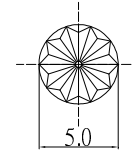
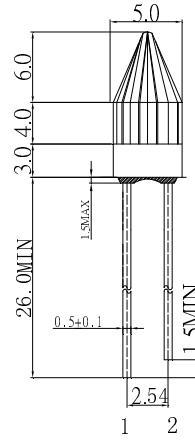
■ **Features**

- High Luminous LEDs
- 5mm Rocket Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

■ **Applications**

- Toys & Games
- Decoration
- General Use

■ **Outline Dimension**



1: Anode
2: Cathode
Unit:mm
Tolerance:±0.20mm
unless otherwise noted

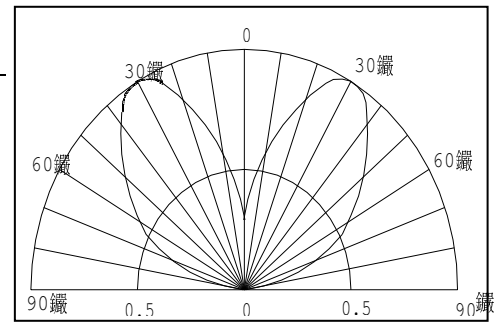
■ **Absolute Maximum Rating**

(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	108	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 _F	I _F =20mA	-	3.1	3.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Luminous Intensity*2	I _v	I _F =20mA	1560	2180	3000	mcd
Chromaticity Coordinates*3	x	I _F =20mA	0.27	0.30	0.33	
	y	I _F =20mA	0.28	0.31	0.34	
50% Power Angle	2θ _{1/2}	I _F =20mA	-	130	-	deg

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

*2 Tolerance of measurements of luminous intensity is ±15%

*3 Tolerance of measurements of color temperature is ±10%

LED & Application Technologies

