

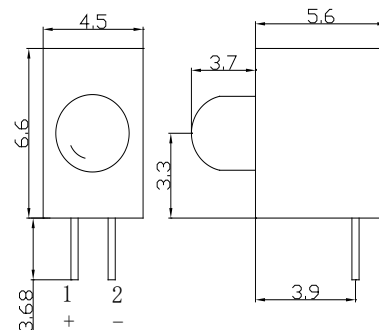
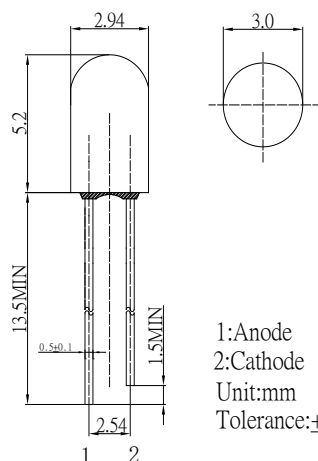
■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- Holder Color: Black
- Color Diffused Type

■Applications

- Indicate Lamp
- Toys/Games/ Audio
- General Use

■Outline Dimension



Holder to UL94 V-2 flammability ratings

LED + Holder Outline Dimension

■Absolute Maximum Rating

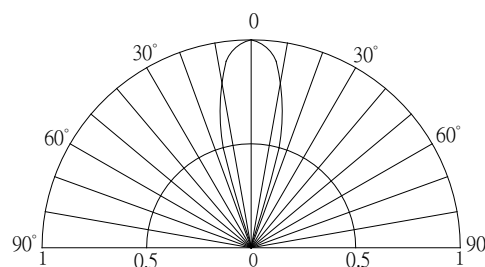
(Ta=25°C)

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

Color Diffused Type

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*	V _F	I _F =20mA	1.9	2.1	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*	λ _D	I _F =20mA	565	570	575	nm
Luminous Intensity*	I _v	I _F =20mA	68	100	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	30	-	deg

*1 Tolerance of measurements of dominant wavelength is ± 1 nm

*2 Tolerance of measurements of luminous intensity is $\pm 15\%$

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

LED & Application Technologies

