



**OptoSupply**

*Light It Up*

2x3x4mm Rectangular Yellow Green LED

**OSG8HA7BA1B-HI**

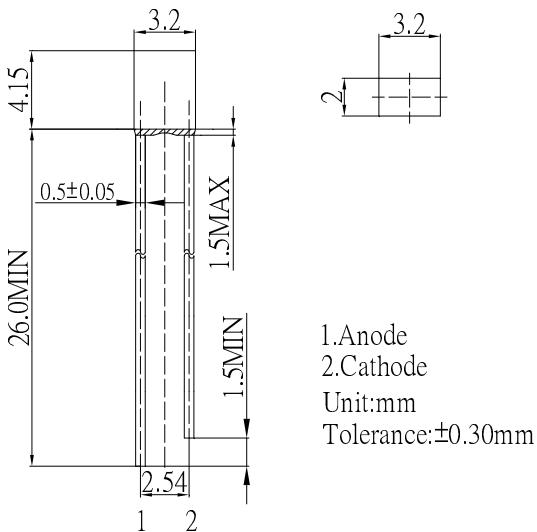
## ■Features

- High Luminous LEDs
- 2x3x4mm Rectangular Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

## ■Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

## ■Outline Dimension



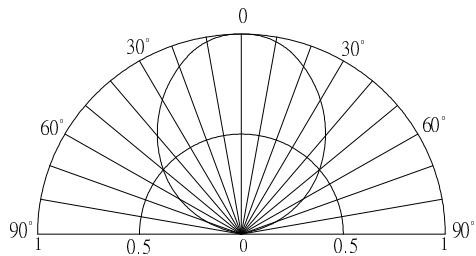
## ■Absolute Maximum Rating

(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>	78	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

## ■Directivity



## ■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	1.8	2.1	2.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength*	λ <sub>D</sub>	I <sub>F</sub> =20mA	565	570	575	nm
Luminous Intensity*	I <sub>V</sub>	I <sub>F</sub> =20mA	220	330	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	100	-	deg

\*<sub>1</sub> Tolerance of measurements of dominant wavelength is  $\pm 1\text{nm}$

\*<sub>2</sub> Tolerance of measurements of luminous intensity is  $\pm 15\%$

\*<sub>3</sub> Tolerance of measurements of forward voltage is  $\pm 0.1\text{V}$

**LED & Application Technologies**



**REACH**  
The new EU chemicals legislation

