



OptoSupply

Light It Up

5mm Round Normal Bright Red LED

OSR5JW5B64A

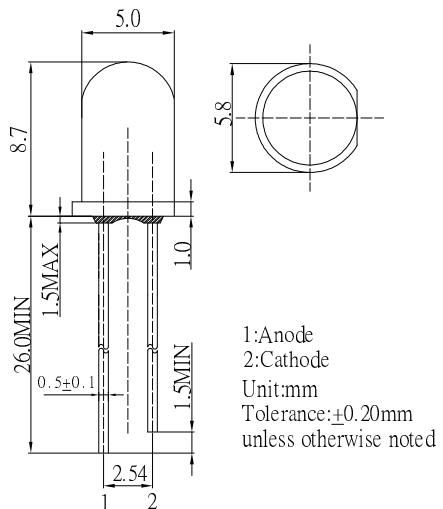
■Features

- Normal Bright LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused Type

■Applications

- Toys & Games
- Audios
- Indications
- General Use

■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	Topr	-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

■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =20mA	1.8	2.1	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*	λ _D	I _F =20mA	620	625	630	nm
Luminous Intensity*	I _V	I _F =20mA	100	-	150	med
50% Power Angle	2θ _{1/2}	I _F =20mA	-	60	-	deg

*₁ Tolerance of measurements of dominant wavelength is $\pm 1\text{nm}$

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

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

LED & Application Technologies



REACH
The new EU chemicals legislation

