



OptoSupply

Light It Up

5mm Yellow Green 2 in 1 Housing LED

OSG8HX5F64X-5F2A

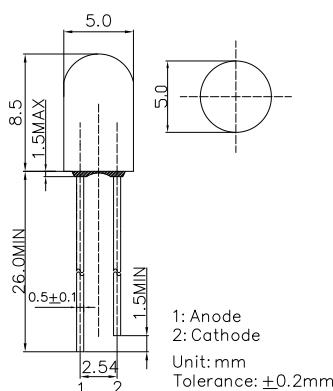
(LED P/N: OSG8HA5F64B*2pcs)

■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused Type
- Holder Color: Black

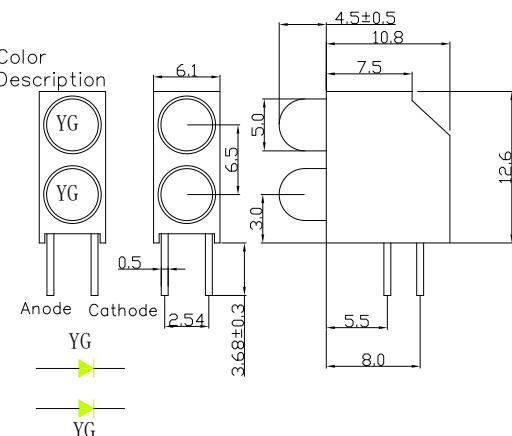
■Applications

- Indicate Lamp
- Toys/Games/ Audio
- Other Lighting



Color Description
YG
YG

Anode
Cathode
YG
YG



■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 _{tsg}	-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)

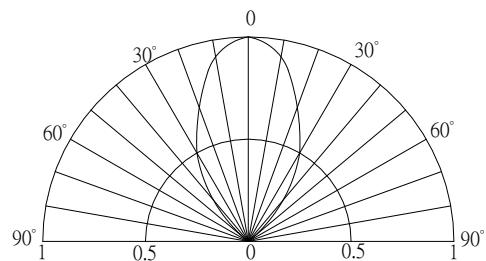
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F	I _F =20mA	-	2.1	2.6	V
DC Reverse Current*2	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength	λ _D	I _F =20mA	565	570	575	nm
Luminous Intensity*3	I _v	I _F =20mA	45	68	-	mcad
50% Power Angle	2θ _{1/2}	I _F =20mA	-	60	-	deg

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

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

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

■Directivity



LED & Application Technologies



ATTENTION

OBSERVE PRECAUTIONS
FOR ELECTROSTATIC
SENSITIVE DEVICES