EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

OptoSupply
Light It Up

3mm Red & Yellow Green Housing LED

OSRGLX3E34X-3F2B

(LED part NO: OSR6LU3E34B OSG8NU3E34B)

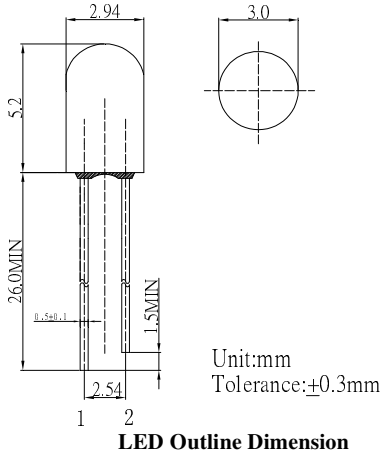
■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color Diffused Type
- Holder Color: Black

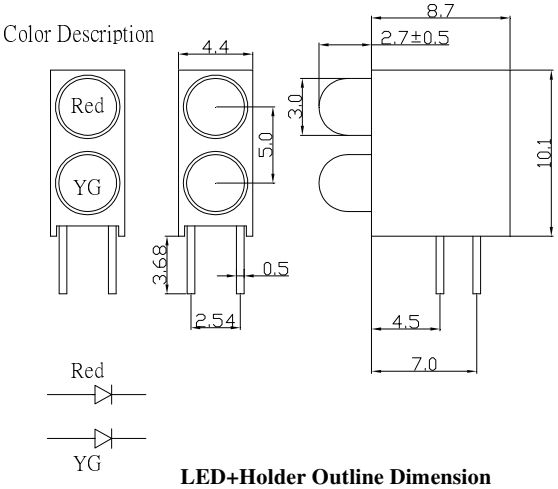
■Applications

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

■Outline Dimension



LED Outline Dimension



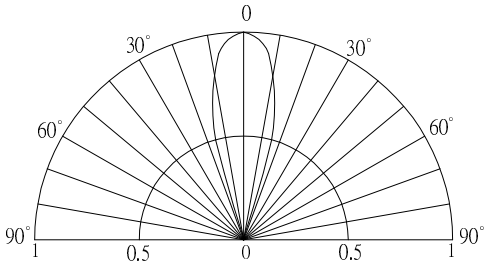
LED+Holder Outline Dimension

■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value		Unit
		Red	YG	
DC Forward Current	I_F	30	30	mA
Pulse Forward Current*	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_D	78	78	mW
Operating Temperature	Topr	-30~ +85		℃
Storage Temperature	Tstg	-40 ~ +100		℃
Lead Soldering Temperature	Tsol	260℃/5sec		-

*Pulse width Max.10ms Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F (R/YG)	I_F=20mA	1.8	2.1	2.6	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Domi. Wavelength	λ_D(Red)	I_F=20mA	630	640	650	nm
	λ_D(YG)	I_F=20mA	565	570	575	nm
Luminous Intensity	Iv(Red)	I_F=20mA	100	150	-	mcd
	Iv(YG)	I_F=20mA	68	100	-	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	30	-	deg

*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

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REACH The new EU chemicals legislation
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