

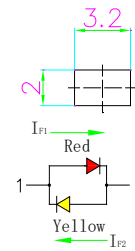
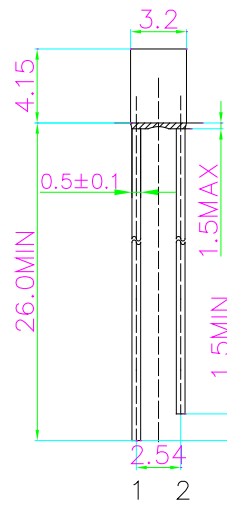
■Features

- High Luminous LEDs
- 2*3*4mm Rectangular Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- White Diffused Type
- Bi-polar

■Applications

- Toys
- Audio
- Games
- Other Lighting

■Outline Dimension



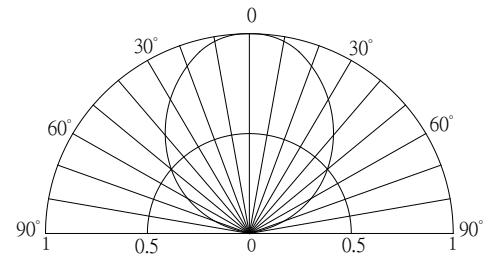
1.Anode
2.Cathode
Unit: mm
Tolerance: ±0.20mm
unless otherwise noted

■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		Red	YL	
DC Forward Current	IF	30	30	mA
Pulse Forward Current#	IFP	100	100	mA
Reverse Voltage	VR	5	5	V
Power Dissipation	PD	78	78	mW
Operating Temperature	Topr	-30 ~ +85		°C
Storage Temperature	Tstg	-40~ +100		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

■Directivity



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

■Electrical -Optical Characteristics

(Ta=25°C)

Item	Color.	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	RED	VF1	IF1=20mA	-	2.1	2.6	V
	YL	VF2	IF2=20mA	-	2.1	2.6	V
Domi. Wavelength*2	RED	λD1	IF1=20mA	620	625	630	nm
	YL	λD2	IF2=20mA	585	590	595	nm
Luminous Intensity*3	RED	IV1	IF1=20mA	220	330	-	mcd
	YL	IV2	IF2=20mA	220	330	-	mcd
50%Power Angle	RED	2θ1/2	IF1=20mA	-	100	-	deg
	YL	2θ1/2	IF2=20mA	-	100	-	deg

*1 Tolerance of measurements of forward voltage is ±0.1

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

*3 Tolerance of measurements of Luminous Intensity is ±15%