

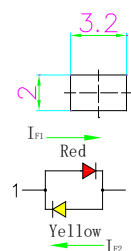
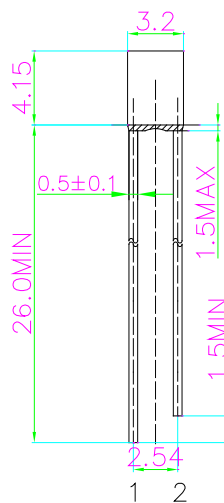
■Features

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

■Applications

- Toys
- Audio
- Games
- General Use

■Outline Dimension



1.Anode
2.Cathode
Unit: mm
Tolerance: $\pm 0.20\text{mm}$
unless otherwise noted

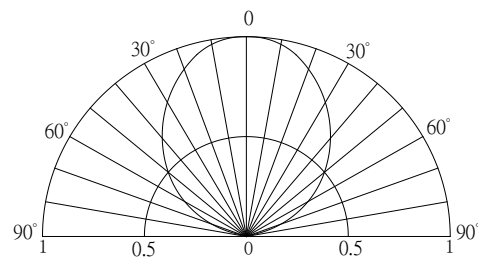
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		RED	YL	
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	T_{opr}	$-30 \sim +85$		°C
Storage Temperature	T_{stg}	$-40 \sim +100$		°C
Lead Soldering Temperature	T_{sol}	260°C/5sec		-

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Color.	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	RED	V_{F1}	$I_{F1}=20\text{mA}$	-	2.1	2.6	V
	YL	V_{F2}	$I_{F2}=20\text{mA}$	-	2.1	2.6	V
Domi. Wavelength*2	RED	λ_{D1}	$I_{F1}=20\text{mA}$	620	625	630	nm
	YL	λ_{D2}	$I_{F2}=20\text{mA}$	585	590	595	nm
Luminous Intensity*3	RED	I_{V1}	$I_{F1}=20\text{mA}$	500	750	-	mcd
	YL	I_{V2}	$I_{F2}=20\text{mA}$	500	750	-	mcd
50%Power Angle	RED	$2\theta_{1/2}$	$I_{F1}=20\text{mA}$	-	100	-	deg
	YL	$2\theta_{1/2}$	$I_{F2}=20\text{mA}$	-	100	-	deg

*1 Tolerance of measurements of forward voltage is ± 0.1

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

*3 Tolerance of measurements of Luminous Intensity is $\pm 15\%$