

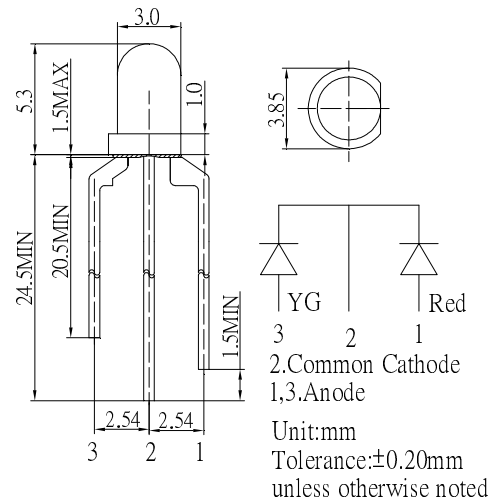
■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- White Diffused Type

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension



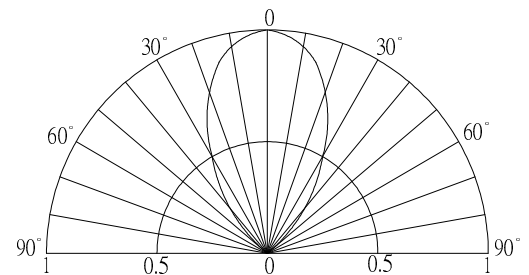
■Absolute Maximum Rating

(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	T _{opr}	-30~ +85		℃
Storage Temperature	T _{stg}	-40 ~ +100		℃
Lead Soldering Temperature	T _{sol}	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 (Red)	I _F =20mA	1.8	2.1	2.6	V
DC Forward Voltage	V _F (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	620	625	630	nm
	λ _D (YG)	I _F =20mA	565	570	575	nm
Luminous Intensity*	I _v (Red)	I _F =20mA	150	220	-	mcd
	I _v (YG)	I _F =20mA	68	100	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	60	-	deg

*1 Tolerance of measurements of dominant wavelength is +1nm

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

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

LED & Application Technologies

