

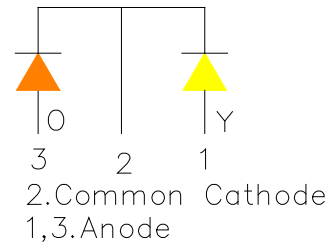
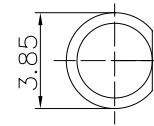
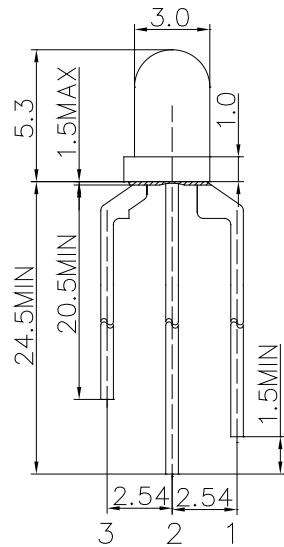
■Features

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

■Applications

- Toys
- Games
- Audio
- General Use

■Outline Dimension



Unit: mm
Tolerance: ±0.20mm
unless otherwise noted

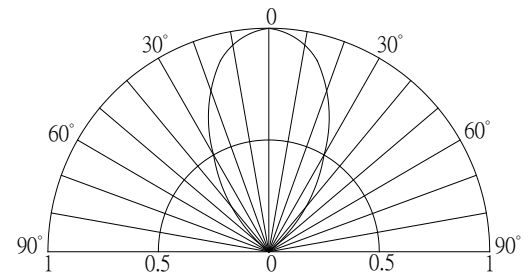
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		Yellow	Orange	
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		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F (Y)	I _F =20mA	-	2.1	2.6	V
	V _F (O)	I _F =20mA	-	2.1	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*2	λ _D (Y)	I _F =20mA	585	590	595	nm
	λ _D (O)	I _F =20mA	600	605	610	nm
Luminous Intensity*3	I _v (Y)	I _F =20mA	150	220	-	mcd
	I _v (O)	I _F =20mA	150	220	-	mcd
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%