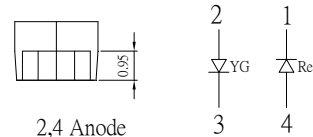
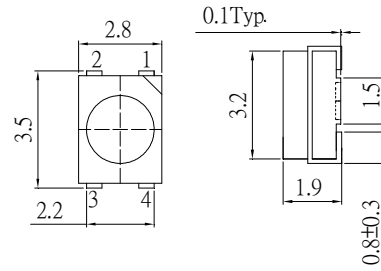


**■Features**

- High Luminous PLCC4 Top SMD LEDs
- 3.5x2.8x1.9mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Silicone
- Water Clear Type

**■Outline Dimension**



2,4 Anode  
1,3 Cathode  
Unit:mm  
Tolerance:±0.20mm

**■Applications**

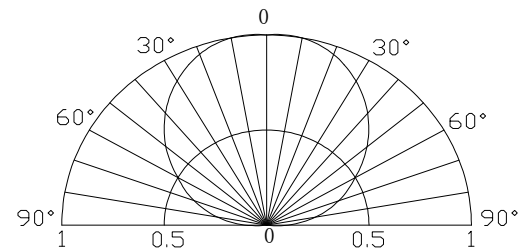
- Toys
- Audio
- Games
- Other Lighting

**■Absolute Maximum Rating (Ta=25°C)**

Item	Symbol	Value		Unit
		Red	YG	
DC Forward Current	I <sub>F</sub>	30	30	mA
Pulse Forward Current*	I <sub>FP</sub>	100	100	mA
Reverse Voltage	V <sub>R</sub>	5	5	V
Power Dissipation	P <sub>D</sub>	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	V <sub>F</sub> (Red)	I <sub>F</sub> =20mA	1.8	2.1	2.6	V
	V <sub>F</sub> (YG)	I <sub>F</sub> =20mA	1.8	2.1	2.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength*	λ <sub>D</sub> (Red)	I <sub>F</sub> =20mA	620	625	630	nm
	λ <sub>D</sub> (YG)	I <sub>F</sub> =20mA	565	570	575	nm
Luminous Intensity*	I <sub>v</sub> (Red)	I <sub>F</sub> =20mA	100	150	-	mcd
	I <sub>v</sub> (YG)	I <sub>F</sub> =20mA	45	60	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	120	-	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