

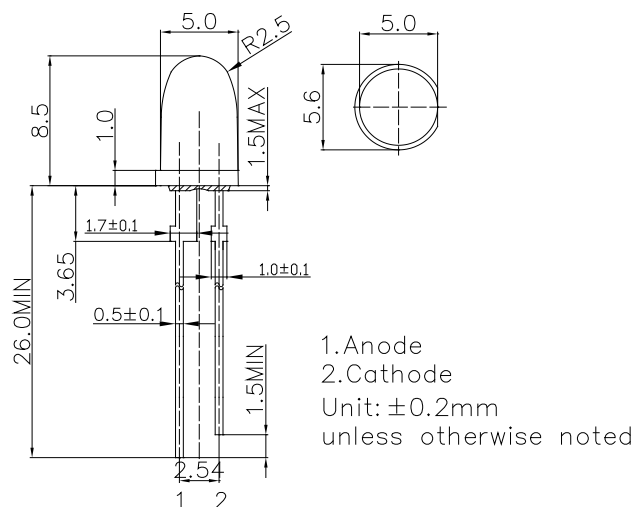
■ Features

- High Lumen LEDs
- 5mm Bullet Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

■ Applications

- Electronic Signs and Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■ Outline Dimension

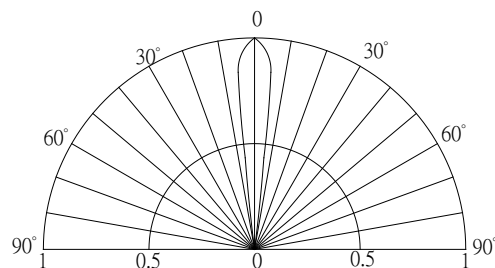


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	80	mA
Pulse Forward Current#	I _{FP}	120	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	224	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260°C/5sec	-

■ Directivity



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

■ Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Color		V _F (V)*			I _R (μA)	I _v (mcd)*			Wd(nm)*			2θ1/2(deg)
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
			I _F =75mA			V _R =5V	I _F =75mA						
OS6YKA5201Y	Amber		2.0	2.3	2.8	10	130000	150000	-	590	595	600	8
OS5OKA5201Y	Orange		2.0	2.3	2.8	10	130000	150000	-	600	605	610	8
OS5RKA5201Y	Red		2.0	2.3	2.8	10	130000	150000	-	620	625	630	8

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

*2 Tolerance of measurements of luminous Intensity ±15%

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

LED & Application Technologies

