

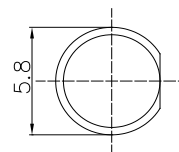
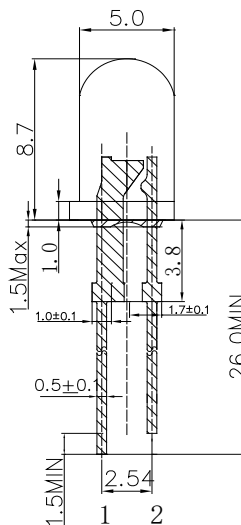
■Features

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

■Applications

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

■Outline Dimension



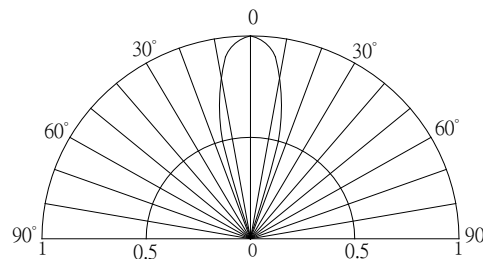
1: Anode
2: Cathode
Unit: mm
Tolerance: $\pm 0.20\text{mm}$
unless otherwise noted

■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
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)		Φ_V (LM)*			I_v (mcd)*			W_d (nm)*			$2\theta_{1/2}$ (deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	
				$I_F=75\text{mA}$			$V_R=5\text{V}$				$I_F=75\text{mA}$							
OS6YKA5A31Y	Amber	Y		-	2.3	2.8	10	6	8	-	50000	60000	-	590	595	600	30	
OS5OKA5A31Y	Orange	O		-	2.3	2.8	10	6	8	-	50000	60000	-	600	605	610	30	
OS5RKA5A31Y	Red	R		-	2.3	2.8	10	6	8	-	50000	60000	-	620	625	630	30	

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

*2 Tolerance of measurements of luminous flux is $\pm 15\%$

*3 Tolerance of measurements of forward voltage is $\pm 0.1\text{V}$