

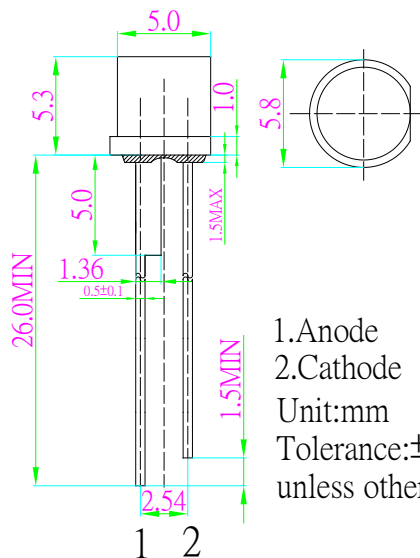
■Features

- High Luminous Flux
- 5mm Flat Top Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

■Applications

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

■Outline Dimension

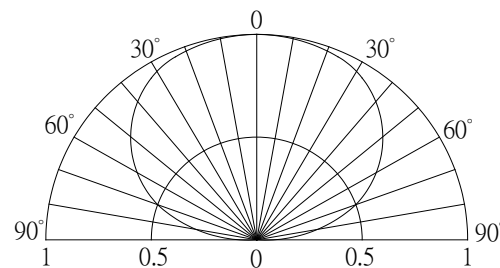


■Absolute Maximum Rating

(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)	Φ _v (LM)			I _v (mcd)			Wd(nm)			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ	Max.	Min.	Typ	Max.	Min.	Typ.	Max.	Typ.
				I _F =75mA			V _R =5V	I _F =75mA									
OS6YKA57E1P	Amber	Y		-	2.3	2.8	10	6	8	-	5800	7000	-	590	595	600	140
OS5OKA57E1P	Orange	O		-	2.3	2.8	10	6	8	-	5800	7000	-	600	605	610	140
OS5RKA57E1P	Red	R		-	2.3	2.8	10	6	8	-	5800	7000	-	620	625	630	140

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

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

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

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