

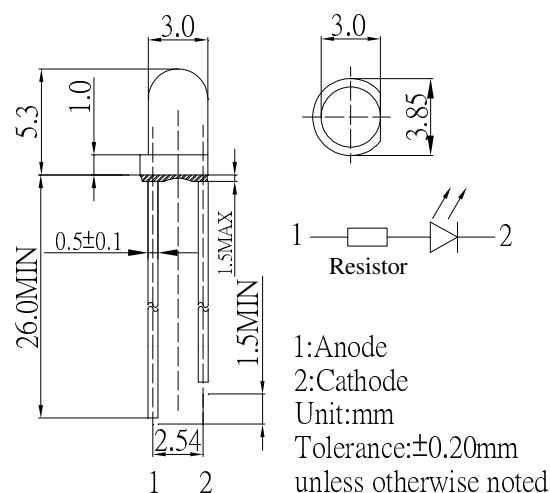
■ Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Integral Current Limiting Resistor
- TTL Compatible (Requires No External Current Limiter With 5 Volt Supply)
- Cost Effective (Saves Space and Resistor Cost)
- Color Diffused Type / White Diffused Type

■ Applications

- Status Indicators
- Other Lighting

■ Outline Dimension

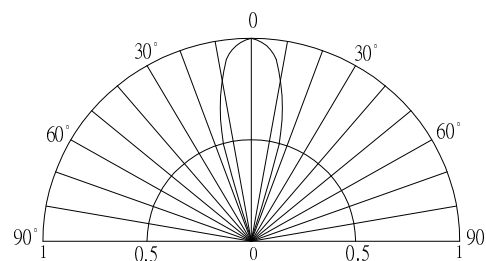


■ Absolute Maximum Rating

($T_a=25^\circ\text{C}$)

Item	Symbol	Value	Unit
DC Forward Voltage	V_F	7.5	V
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	150	mW
Operating Temperature	T_{opr}	$-30 \sim +85$	$^\circ\text{C}$
Storage Temperature	T_{stg}	$-40 \sim +100$	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	$260^\circ\text{C}/5\text{sec}$	-

■ Directivity



■ Electrical -Optical Characteristics

($T_a=25^\circ\text{C}$)

Part Number	Color			I_F (mA)			I_v (mcd)*			λ_D (nm)*			$2\theta_{1/2}$ (deg)
				Min	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				$V_F=5\text{V}$			$V_F=5\text{V}$						
OSW5DK3132A-5V	White	W		-	12	20	1120	1560	-	X=0.27, Y=0.28			30
OSM5DK3132A-5V	Warm White	M		-	12	20	750	1120	-	X=0.45, Y=0.41			30
OSB5SA3134A-5V	Blue	B		-	12	20	500	750	-	465	470	475	30
OSG5DA3134A-5V	Pure Green	TG		-	12	20	1120	1560	-	520	525	530	30
OSG8HA3134A-5V	Yellow Green	G		-	12	20	100	150	-	565	570	575	30
OSY5JA3134A-5V	Yellow	Y		-	12	20	220	330	-	585	590	595	30
OSO5JA3134A-5V	Orange	O		-	12	20	330	500	-	600	605	610	30
OSR5JA3134A-5V	Red	R		-	12	20	220	330	-	620	625	630	30

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

*2 Tolerance of measurements of chromaticity coordinates is $\pm 10\%$

*3 Tolerance of measurements of luminous intensity is $\pm 15\%$

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

LED & Application Technologies

