

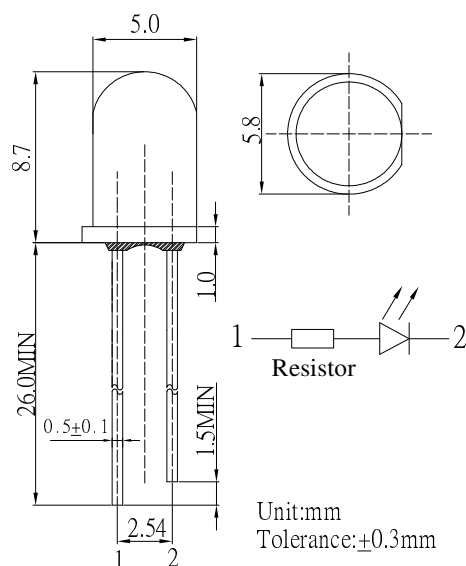
■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Integral Current Limiting Resistor
- TTL Compatible (Requires No External Current Limiter With 12 Volt Supply)
- Cost Effective (Saves Space and Resistor Cost)
- Color Diffused Type

■ Applications

- Status Indicators
- Other Lighting

■ Outline Dimension

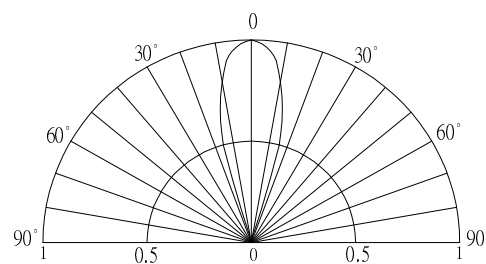


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V _F	15	V
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	225	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-30 ~ +85	°C
Lead Soldering Temperature	T _{sol}	260°C/5sec	-

■ Directivity



■ Electrical -Optical Characteristics (Ta=25°C)

Part Number	Color			I _F (mA)			I _v (mcd)*			λD(nm)*			2θ1/2(deg)
				Min	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				V _F = 12V			V _F = 12V			V _F = 12V			
OSW5DK5A32A-12V	Cool White	W		-	10	15	1120	1560	-	X=0.27, Y=0.28			30
OSM5DK5A32A-12V	Warm White	M		-	10	15	750	1120	-	X=0.45, Y=0.41			30
OSB5SA5A34A-12V	Blue	B		-	10	15	220	330	-	465	470	475	30
OSG8NU5A34A-12V	YG	G		-	10	15	45	68	-	565	570	575	30
OSY5LU5A34A-12V	Yellow	Y		-	10	15	68	100	-	585	590	595	30
OSR6LU5A34A-12V	Red	R		-	10	15	68	100	-	630	640	650	30

*1 Tolerance of chromaticity coordinates is ±10%

*2 Tolerance of luminous intensity is ±15%