

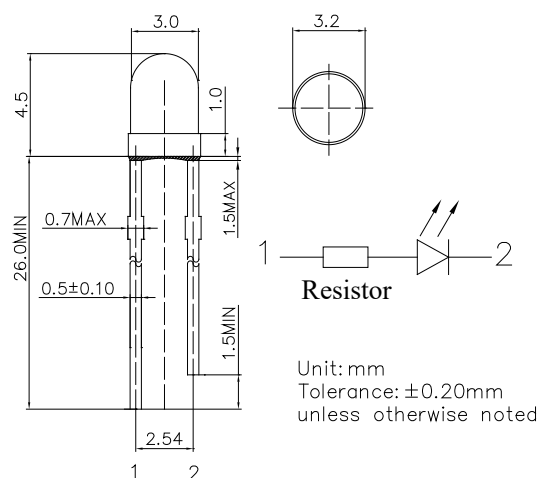
■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- 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 / White Diffused Type

■Applications

- Status Indicators
- Other Lighting

■Outline Dimension

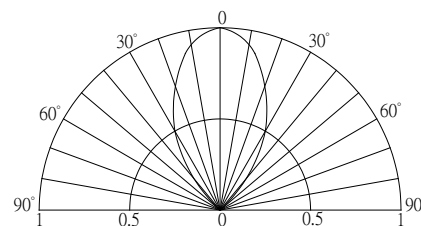


■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V _F	15	V
Reverse Voltage	V _R	12	V
Power Dissipation	P _D	225	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-30 ~ +85	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

■Directivity



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

Part Number	Color			I _F (mA)			I _v (mcd)*			λD(nm)* / CCT(K)*			2θ1/2(deg)
				Min	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				V _F = 12V			V _F = 12V			V _F = 12V			
OSW5DK3C62A-12V	Cool White	W		-	10	15	750	1120	-	X=0.27, Y=0.28 (CCT:8500-10000-18000K)			60
OSM5DK3C62A-12V	Warm White	M		-	10	15	750	1120	-	X=0.45, Y=0.41 (CCT:2700-3000-3300K)			60
OSB5SA3C64A-12V	Blue	B		-	10	15	150	220	-	465	470	475	60
OSG5DA3C64A-12V	Pure Green	TG		-	10	15	750	1120	-	520	525	530	60
OSG8HA3C64A-12V	Yellow Green	G		-	10	15	68	100	-	565	570	575	60
OSY5JA3C64A-12V	Yellow	Y		-	10	15	100	150	-	585	590	595	60
OSO5JA3C64A-12V	Orange	O		-	10	15	100	150	-	600	605	610	60
OSR5JA3C64A-12V	Red	R		-	10	15	100	150	-	620	625	630	60

*1 Tolerance of measurements of Domi. wavelength is ±1nm

*2 Tolerance of measurements of chromaticity coordinates is ±10%

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

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