

■Features

- 0.16mm enameled copper wire, length 250±5mm
- High Luminous Intensity
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Wide Input Voltage
- Cost Saving and Space Saving
- Color Transparent / Water Clear for W, M

■Applications

- Arduino/Pi Pico/Steam Kit
- TTL/Cmos Compatible
- Toys/Game/Audio

■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V _F	16	V
Reverse Voltage	V _R	12	V
Power Dissipation	P _D	208	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C

■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 =9V			V _F =9V			V _F =9V			
OSW53131A-VV-W25	Cool White	W		-	7.5	13	-	4200	-	8500-10000-18000K			30
OSM53131A-VV-W25	Warm White	M		-	7.5	13	-	3500	-	2700-3000-3300K			30
OSB53133A-VV-W25	Blue	B		-	7.5	13	-	1560	-	465	470	475	30
OSG53133A-VV-W25	Pure Green	PG		-	7.5	13	-	4200	-	520	525	530	30
OSY53133A-VV-W25	Yellow	Y		-	8.0	13	-	2180	-	585	590	595	30
OSO53133A-VV-W25	Orange	O		-	8.0	13	-	2180	-	600	605	610	30
OSR53133A-VV-W25	Red	R		-	8.0	13	-	2180	-	620	625	630	30

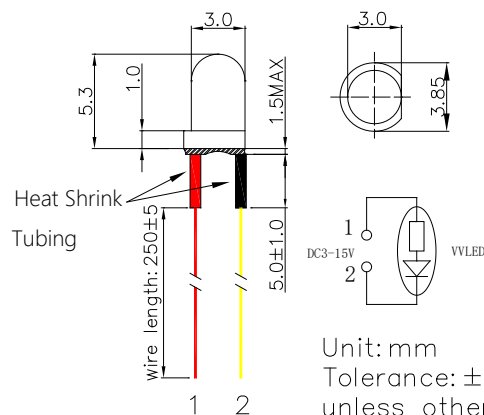
*1 Tolerance of measurements of Domi. wavelength is ±1nm

*2 Tolerance of measurements of chromaticity coordinate/CCT is ±10%

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

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

■Outline Dimension



■Directivity

