5mm Round Module 1.2V Flashing LED
1.8HZ 1/2Cycle

OSXXXS5A31A-1V

VER.A.1

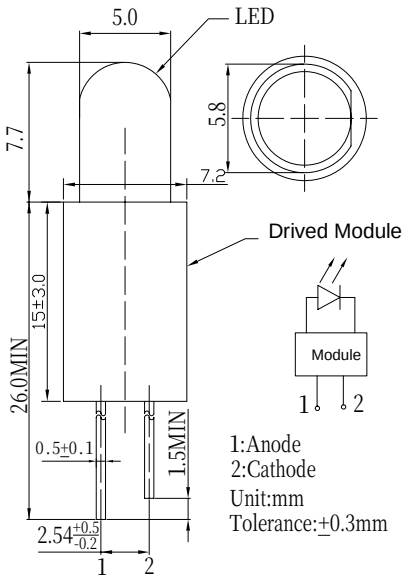
■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Used 0.8~1.6V DC Drive (Such 1 piece AA or AAA Size Battery)
- Cost Effective (Saves Space and battery Cost)
- Water Clear Type

■Applications

- Flashlight
- Other Lighting

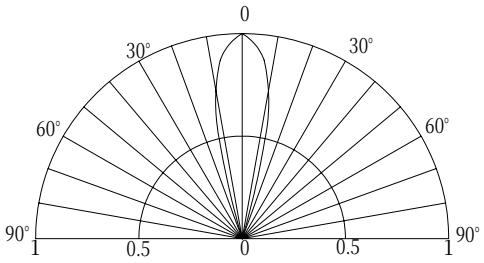
■Outline Dimension



■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Voltage	V_F	1.5	V
Oscillator Frequency*	Fled	1.8	Hz
Duty Cycle	Duty	1/2	-
Operating Temperature	Topr	-30 ~ +85	℃
Storage Temperature	Tstg	-30~ +85	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

Part Number	Color			I_F (mA)		Iv(mcd)*			λD(nm)*			2θ1/2(deg)
				Input	In LED	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				V_F =1.2V		V_F =1.2V						
OSW5DS5A31A-1V	Cool White	W		20±5	7±2	2180	3000	-	X=0.27, Y=0.28			30
OSM5DS5A31A-1V	Warm White	M		20±5	7±2	1800	2500	-	X=0.45, Y=0.41			
OSB5SS5A31A-1V	Blue	B		20±5	7±2	1120	1560	-	465	470	475	
OSG5DS5A31A-1V	Pure Green	G		20±5	7±2	2180	3000	-	520	525	530	
OSY5MS5A31A-1V	Yellow	Y		20±5	7±2	2180	2800	-	585	590	595	
OSO5MS5A31A-1V	Orange	O		20±5	7±2	2180	2800	-	600	605	610	
OSR5MS5A31A-1V	Red	R		20±5	7±2	2180	2800	-	620	625	630	

*1 Tolerance of chromaticity coordinates is ±10%
*2 Tolerance of luminous intensity is ±15%
*3 Tolerance of Frequency is ±20%