

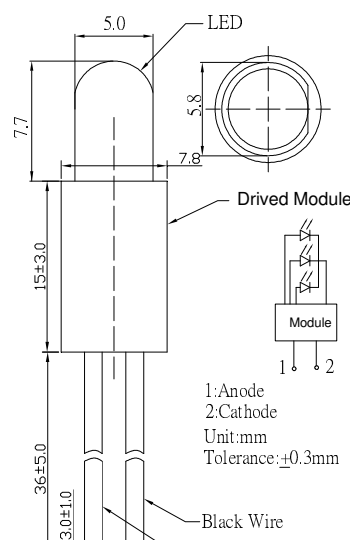
■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- 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)
- Color Changing Type
- Water Clear Type

■ Applications

- Flashlight
- Other Lighting

■ Outline Dimension

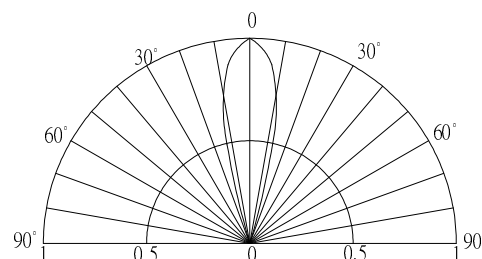


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V _F	1.7	V
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)*			Frequency*	2θ1/2(deg)
				Input	In LED	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Typ.
				V _F =1.2V		V _F =1.2V							
OST1MC5A31A-W1V	Red	R		20±5	7±2	1560	2180	-	620	625	630	12S	30
	Pure Green	G				2180	3000	-	520	525	530		
	Blue	B				750	1120	-	465	470	475		
OST1MA5A31A-W1V	Red	R		20±5	7±2	1560	2180	-	620	625	630	33S	
	Pure Green	G				2180	3000	-	520	525	530		
	Blue	B				750	1120	-	465	470	475		

*1 Tolerance of chromaticity coordinates is ±10%

*2 Tolerance of measurements of dominant wavelength is ±1nm

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

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

*5 Tolerance of measurements of frequency is ±20%