

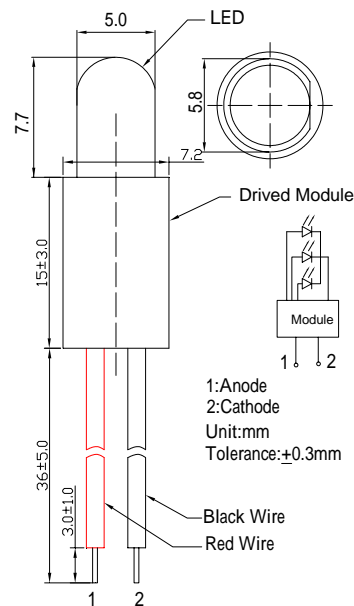
Features

- 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)
- Full-Color
- Water Clear Type

Applications

- Flashlight
- Other Lighting

Outline Dimension

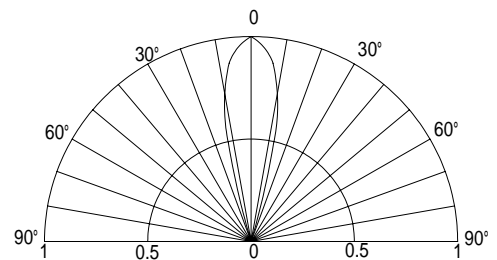


Absolute Maximum Rating

(Ta=25)

Item	Symbol	Value	Unit
DC Forward Voltage	V _F	1.5	V
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)		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 luminous intensity is ±15%

*3 Tolerance of Frequency is ±20%

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