

■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- 6.8Hz 1/12 Duty Cycle Flashing Type
- Color Diffused / White Diffused (W, M only)

■Applications

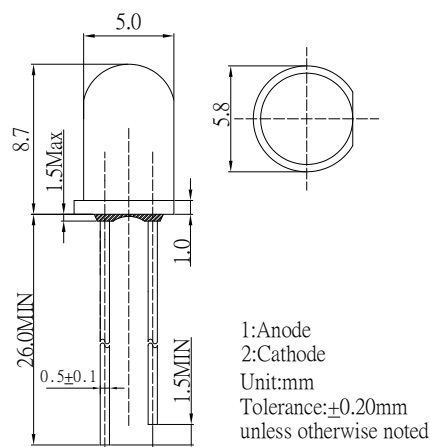
- Toys
- Games
- Audio
- Other Lighting

■Absolute Maximum Rating

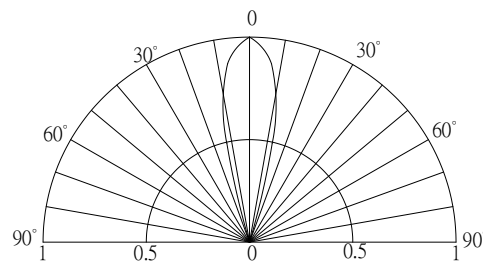
(Ta=25°C)

Item	Symbol	Value	Unit
Power Supply	Voltage	5	V
Duty Cycle	Duty	1/12	-
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

■Outline Dimension



■Directivity



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

Part Number	Emitting Color			V _F (V)*			I _v (mcd)*			λD(nm)*			Fled (Hz)*	2θ1/2(deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Typ
				I _F =20mA			I _F =20mA							
OSW5DP5A32A-6.8HZ	Cool White	W		3.0	3.5	5.0	2180	3000	-	CCT:8000-18000K			6.8	30
OSM5DP5A32A-6.8HZ	Warm White	M		3.0	3.5	5.0	1560	2180	-	CCT:2700-3200K				
OSB5SP5A34A-6.8HZ	Blue	B		3.0	3.5	5.0	750	1120	-	465	470	475		
OSG5DP5A34A-6.8HZ	Pure Green	G		3.0	3.5	5.0	1560	2180	-	520	525	530		
OSY5MP5A34A-6.8HZ	Yellow	Y		3.0	3.5	5.0	1120	1560	-	585	590	595		
OS5OGP5A34A-6.8HZ	Orange	O		3.0	3.5	5.0	3000	4200	-	600	605	610		
OSR5MP5A34A-6.8HZ	Red	R		3.0	3.5	5.0	1120	1560	-	620	625	630		

*1 Tolerance of measurements of chromaticity coordinates/CCT 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%

LED & Application Technologies

