

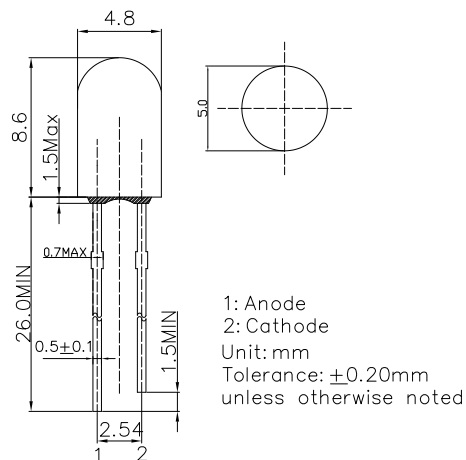
■Features

- High Luminous LED
- 5mm Round Standard Directivity
- Flashing Type
- Superior UV Resistance
- Color Diffused / White Diffused (W, M only)

■Applications

- Toys
- Games
- Audio / General Use

■Outline Dimension

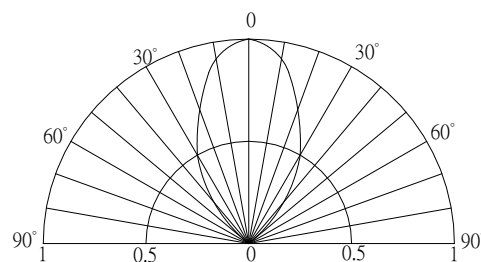


■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
Power Supply	Voltage	5	V
Duty Cycle	Duty	1/2	-
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

■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							
OSW5DS5F62B	Cool White	W		3.0	3.5	5.0	2180	3000	-	CCT:8000-18000K			1.8	60
OSM5DS5F62B	Warm White	M		3.0	3.5	5.0	1560	2180	-	CCT:2700-3200K				
OSB5SS5F64B	Blue	B		3.0	3.5	5.0	330	500	-	465	470	475		
OSG5DS5F64B	Pure Green	G		3.0	3.5	5.0	2180	3000	-	520	525	530		
OSY5JS5F64B	Yellow	Y		3.0	3.5	5.0	220	330	-	585	590	595		
OSY5MS5F64B	Yellow	Y		3.0	3.5	5.0	1120	1560	-	585	590	595		
OSO5JS5F64B	Orange	O		3.0	3.5	5.0	330	500	-	600	605	610		
OSR5JS5F64B	Red	R		3.0	3.5	5.0	220	330	-	620	625	630		
OSR5MS5F64B	Red	R		3.0	3.5	5.0	1120	1560	-	620	625	630		

*1 Tolerance of measurements of chromaticity coordinates is $\pm 10\%$

*2 Tolerance of measurements of dominant wavelength is $\pm 1\text{nm}$

*3 Tolerance of measurements of luminous intensity is $\pm 15\%$

*4 Tolerance of measurements of forward voltage is $\pm 0.1\text{V}$

*5 Tolerance of measurements of frequency is $\pm 20\%$

TYPICAL ELECTRICAL/OPTICAL CHARACTERISTIC CURVES

