

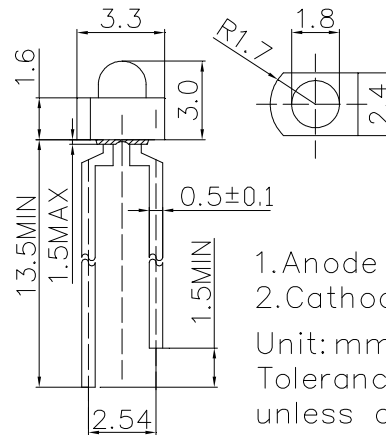
**■ Features**

- High Luminous Small Package LED
- 1.8mm Tower Standard Directivity
- UV Resistant Epoxy
- Wide Operation Current 1-20mA
- Color Diffused / White Diffused (W, M only)

**■ Applications**

- Small Area Illuminations
- Telephone
- Back Lighting
- General Use

**■ Outline Dimension**

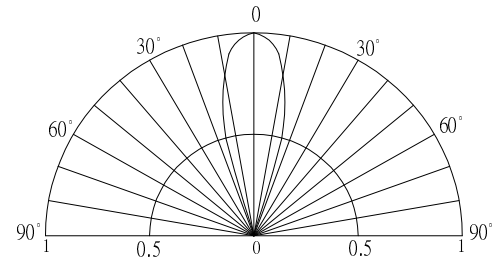


1. Anode  
2. Cathode  
Unit: mm  
Tolerance: ±0.20mm  
unless otherwise noted

**■ Absolute Maximum Rating (Ta=25°C)**







Item	Symbol	Value		Unit
		Y/O/R	W/M/B/PG	
DC Forward Current	I <sub>F</sub>	20	20	mA
Pulse Forward Current#	I <sub>FP</sub>	100	100	mA
Reverse Voltage	V <sub>R</sub>	5	5	V
Power Dissipation	P <sub>D</sub>	48	64	mW
Operating Temperature	Topr	-30 ~ +85		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

**■ Directivity**



#Pulse width Max.10ms Duty ratio max 1/10

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

Part Number	Color			V <sub>F</sub> (V)			I <sub>R</sub> (μA)	I <sub>v</sub> (mcd)*			λD(nm)*/CCT(K)			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I <sub>F</sub> =5mA			V <sub>R</sub> =5V		I <sub>F</sub> =5mA					
OSW54K7332F	Cool White	W		-	2.7	3.2	10	750	1120	-	CCT:8500-18000K(X:0.27,Y:0.28)			30
OSM54K7332F	Warm White	M		-	2.7	3.2	10	750	1120	-	CCT:2700-3300K(X:0.44,Y:0.41)			30
OSB5DA7334F	Blue	B		-	2.7	3.2	10	330	500	-	465	470	475	30
OSG58A7334F	Pure Green	PG		-	2.7	3.2	10	750	1120	-	520	525	530	30
OSY5PA7334F	Yellow	Y		-	1.9	2.4	10	500	750	-	585	590	595	30
OSO5PA7334F	Orange	O		-	1.9	2.4	10	500	750	-	600	605	610	30
OSR5PA7334F	Red	R		-	1.9	2.4	10	500	750	-	620	625	630	30

\*1 Tolerance of measurements of chromaticity coordinate 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