

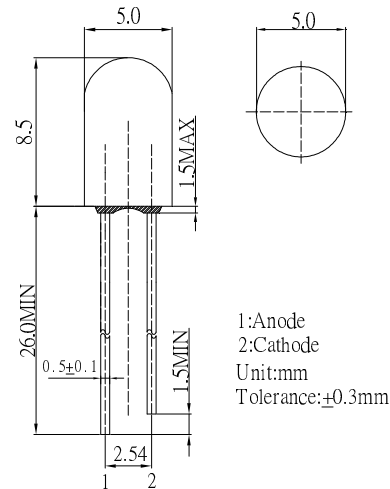
■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused Type
- White Diffused Type for White / Warm White

■ Applications

- Indications
- Decorations
- Backlighting
- General Use

■ Outline Dimension

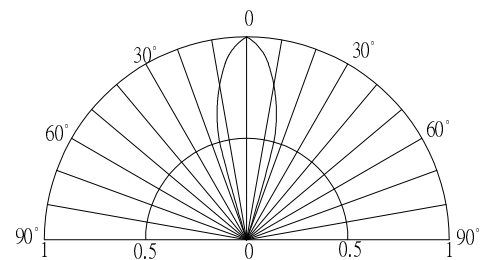


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		W/M/B/PG	Y/O/R	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	108	78	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 _F (V)*			I _R (μA)	I _v (mcd)*			λD (nm)*			θ1/2 (deg)
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
			I _F =20mA			V _R =5V	I _F =20mA						
OSW5YK5E32B	White	W	2.8	3.1	3.6	10	750	1120	-	-	X=0.27, Y=0.28	-	30
OSM5YK5E32B	Warm White	M	2.8	3.1	3.6	10	500	750	-	-	X=0.45, Y=0.41	-	30
OSB5YU5E34B	Blue	B	2.8	3.1	3.6	10	220	330	-	465	465	475	30
OSG5TA5E34B	Pure Green	PG	2.8	3.1	3.6	10	500	750	-	520	525	530	30
OSY5JA5E34B	Yellow	Y	1.8	2.1	2.6	10	220	330	-	585	590	595	30
OSO5JA5E34B	Orange	O	1.8	2.1	2.6	10	220	330	-	600	605	610	30
OSR5JA5E34B	Red	R	1.8	2.1	2.6	10	220	330	-	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