

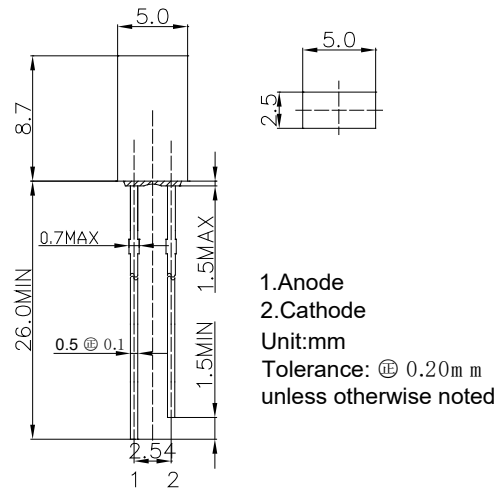
■Features

- High Luminous LEDs
- 2.5x5.0x8.7mm Tombstone Standard Directivity
- UV Resistant Epoxy
- Color Diffused / White Diffused (W, M only)

■Applications

- General Purpose Indicators
- Decorations
- Back Lighting
- General Use

■Outline Dimension



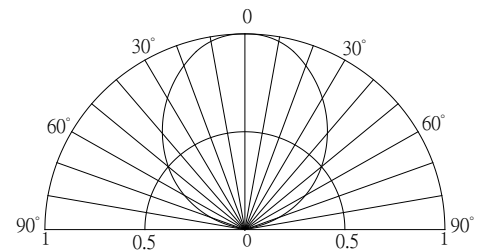
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		W/M/B/PG	YG/Y/O/R	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	80	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	108	78	mW
Operating Temperature	T _{opr}	-30 ~ +85		°C
Storage Temperature	T _{stg}	-40 ~ +100		°C
Lead Soldering Temperature	T _{sol}	260°C/5sec		-

#Pulse width Max 0.1ms, Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Color			V _F (V)*			I _R (μA)	I _v (mcd)*			λD(nm)*			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			V _R =5V	I _F =20mA						
OSW5YK7RA2B	White	W		-	2.9	3.4	10	1120	1560	-	CCT:8000-18000K			100
OSM5YK7RA2B	Warm White	M		-	2.9	3.4	10	1120	1560	-	CCT:2700-3200K			100
OSB5YU7RA4B	Blue	B	■	-	2.9	3.4	10	45	220	-	465	470	475	100
OSG5DA7RA4B	Pure Green	PG	■	-	2.9	3.4	10	1560	2180	-	520	525	530	100
OSG8HA7RA4B	Yellow Green	YG	■	-	2.1	2.6	10	20	100	-	565	570	575	100
OSY5JA7RA4B	Yellow	Y	■	-	2.1	2.6	10	220	220	-	585	590	595	100
OSO5JA7RA4B	Orange	O	■	-	2.1	2.6	10	220	220	-	600	605	610	100
OSR5JA7RA4B	Red	R	■	-	2.1	2.6	10	220	220	-	620	625	630	100
OSR6LU7RA4B	Red	R	■	-	2.1	2.6	10	100	150	-	630	640	650	100

*1 Tolerance of measurements of dominant wavelength is ±1nm

*2 Tolerance of measurements of chromaticity coordinate is ±10%

*3 Tolerance of measurements of luminous intensity is ±15%

*4 Tolerance of measurements of forward voltage is ±0.1V