

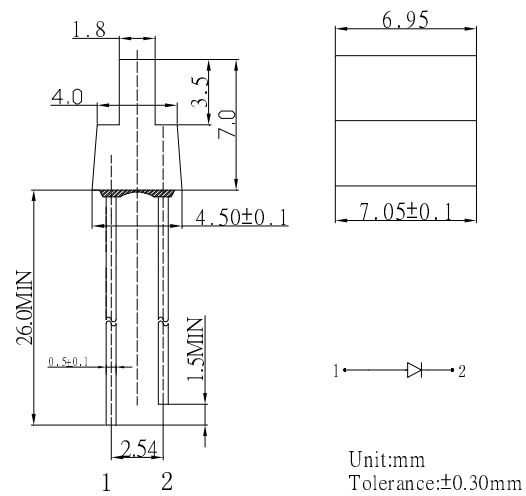
**■ Features**

- High Luminous LEDs
- 1.8\*7.05mm Tower Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color Diffused Type (White diffused for white LEDs)

**■ Applications**

- Toys
- Games
- Audio
- Other Lighting

**■ Outline Dimension**

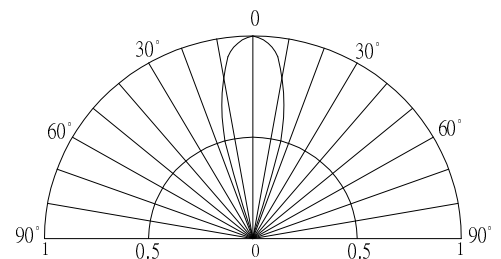


**■ Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value		Unit
		W/M/K/B/PG	YG/Y/O/R	
DC Forward Current	I <sub>F</sub>	30	30	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>	108	78	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85		°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100		°C
Lead Soldering Temperature	T <sub>sol</sub>	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)			2θ1/2 (deg)
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
			I <sub>F</sub> =20mA			V <sub>R</sub> =5V	I <sub>F</sub> =20mA						
OSW5YK7232B	White	W	2.8	3.1	3.6	10	500	750	-	X=0.27, Y=0.28			30
OSM5YK7232B	Warm White	M	2.8	3.1	3.6	10	330	500	-	X=0.45, Y=0.41			30
OSK5YK7232B	Pink	K	2.8	3.1	3.6	10	150	220	-	X=0.45, Y=0.17			30
OSB5YU7234B	Blue	B	2.8	3.1	3.6	10	220	330	-	465	465	475	30
OSG5TA7234B	Pure Green	PG	2.8	3.1	3.6	10	330	500	-	520	525	530	30
OSG8HA7234B	Yellow Green	YG	1.8	2.1	2.6	10	100	150	-	565	570	575	30
OSY5JA7234B	Yellow	Y	1.8	2.1	2.6	10	150	220	-	585	590	595	30
OSO5JA7234B	Orange	O	1.8	2.1	2.6	10	150	220	-	600	605	610	30
OSR5JA7234B	Red	R	1.8	2.1	2.6	10	150	220	-	620	625	630	30

\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is ±15%

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