

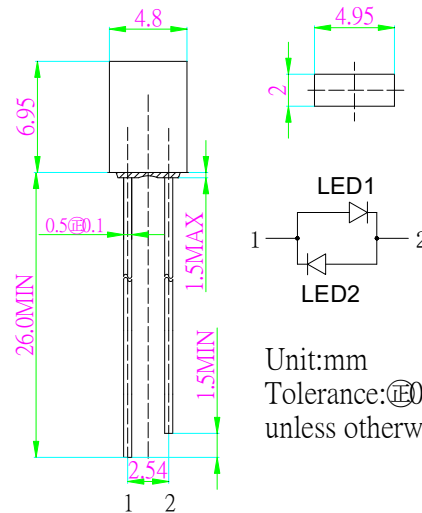
■Features

- High Luminous LEDs
- 2x5x7mm Rectangular Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- Color Diffused / White Diffused (W, M only)

■Applications

- Indicate Lamp
- Toys/Games/ Audio
- Other Lighting

■Outline Dimension



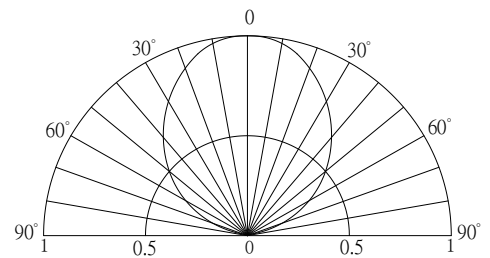
■Absolute Maximum Rating

(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}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	102	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.10ms Duty ratio max 1/10

■Directivity



Part Number	Color			V _F (V)			I _v (mcd)			λD(nm)/CCT(K)			2θ1/2(deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			I _F =20mA			I _F =20mA			
OSWWD271A2B	White	W		-	2.9	3.4	750	1120	-	CCT: 8500-18000K			100
OSMMD271A2B	Warm White	M		-	2.9	3.4	500	750	-	CCT:2700-3300K			100
OSBBS271A4B	Blue	B		-	2.9	3.4	220	330	-	465	465	475	100
OSPPD271A4B	Pure Green	PG		-	2.9	3.4	750	1120	-	520	525	530	100
OSGGH271A4B	Yellow Green	YG		-	2.1	2.6	68	100	-	565	570	575	100
OSYYR271A4B	Yellow	Y		-	2.1	2.6	150	220	-	585	590	595	100
OSOOR271A4B	Orange	O		-	2.1	2.6	150	220	-	600	605	610	100
OSRRR271A4B	Red	R		-	2.1	2.6	150	220	-	620	625	630	100

*1 Tolerance of measurements of Domi. wavelength is ±1nm

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

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

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