

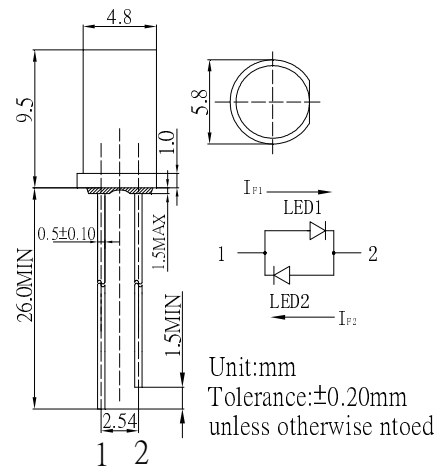
■Features

- High Luminous LEDs
- 5mm Flat Top Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- Water Clear Type
- Bi-polar Type

■Applications

- Toys
- Audio
- Games
- Other Lighting

■Outline Dimension



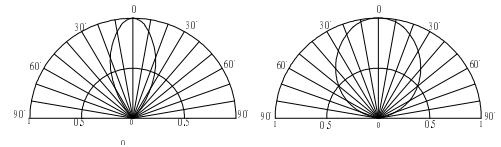
■Absolute Maximum Rating

(Ta=25℃)

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	102	78	mW
Operating Temperature	T_{opr}	-30 ~ +85		℃
Storage Temperature	T_{stg}	-40 ~ +100		℃
Lead Soldering Temperature	T_{sol}	260℃/5sec		-

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25℃)

Part Number	Color			V_F (V)*			I_v (mcd)*			λ_D (nm)/CCT(K)*			$\theta_{1/2}$ (deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				$I_F=20mA$			$I_F=20mA$			$I_F=20mA$			
OSWWD25TA1A	Cool White	W		2.7	2.9	3.4	1120	1560	-	CCT: 8500-18000K			100
OSMMD25TA1A	Warm White	M		2.7	2.9	3.4	1120	1560	-	CCT:2700-3300K			100
OSBBS25T51A	Blue	B		2.7	2.9	3.4	500	750	-	465	465	475	50
OSPPD25T51A	Pure Green	PG		2.7	2.9	3.4	2180	3000	-	520	525	530	50
OSYYP25T51A	Yellow	Y		1.8	2.1	2.6	750	1120	-	585	590	595	50
OSOOP25T51A	Orange	O		1.8	2.1	2.6	750	1120	-	600	605	610	50
OSRRP25T51A	Red	R		1.8	2.1	2.6	750	1120	-	620	625	630	50

*1 Tolerance of measurements of domi. wavelength is $\pm 1nm$

*2 Tolerance of measurements of chromaticity coordinates/CCT is $\pm 10\%$

*3 Tolerance of measurements of luminous intensity is $\pm 15\%$

*4 Tolerance of measurements of forward voltage is $\pm 0.1V$