

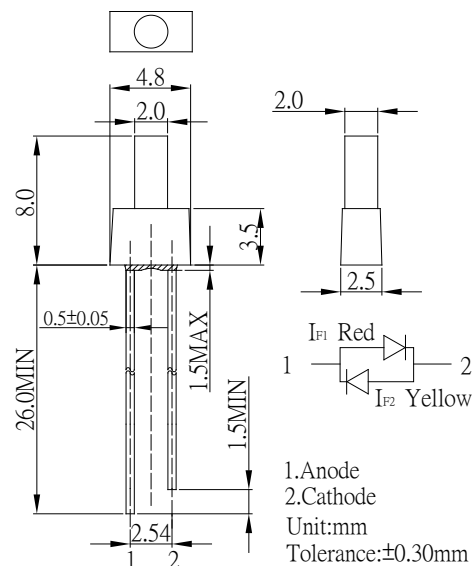
■Features

- High Luminous LEDs
- 2.0mm Tower Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension



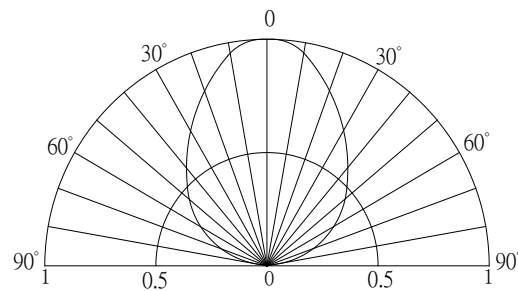
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		Red	Yellow	
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	78	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



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*	V_{F1} (Red)	$I_F=20mA$	1.8	2.1	2.6	V
	V_{F2} (YL)	$I_F=20mA$	1.8	2.1	2.6	V
Domi. Wavelength*	λ_{D1} (Red)	$I_F=20mA$	620	625	630	nm
	λ_{D1} (YL)	$I_F=20mA$	585	590	595	nm
Luminous Intensity*	I_{v1} (Red)	$I_F=20mA$	750	1120	-	mcd
	I_{v2} (YL)	$I_F=20mA$	750	1120	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	90	-	deg

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

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

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