

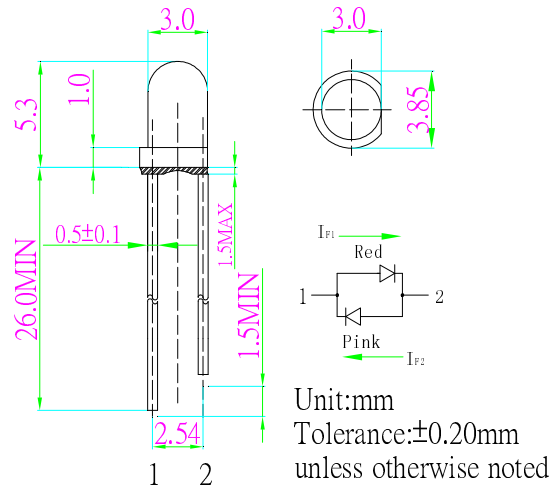
■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- Water Clear Type
- Bi-polar Type

■Applications

- Toys
- Audio
- Games
- Other Lighting

■Outline Dimension



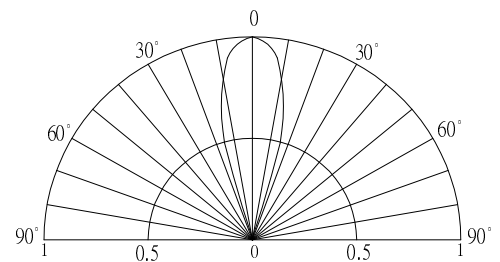
■Absolute Maximum Rating

(Ta=25℃)

Item	Symbol	Value		Unit
		Red	Pink	
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	108	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℃)

Item	NO.	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	Red	V_{F1}	$I_{F1}=20mA$	-	2.1	2.6	V
	Pink	V_{F2}	$I_{F2}=20mA$	-	3.1	3.6	V
Domi. Wavelength*	Red	λ_{D1}	$I_{F1}=20mA$	620	625	630	nm
Chromaticity Coordinates*	Pink	x	$I_{F1}=20mA$	-	0.45	-	
		y	$I_{F1}=20mA$	-	0.17	-	
Luminous Intensity*	Red	IV 1	$I_{F1}=20mA$	4200	5800	-	mcd
	Pink	IV 2	$I_{F2}=20mA$	3000	4200	-	mcd
50% Power Angle	Red	2θ1/2	$I_{F1}=20mA$	-	30	-	deg
	Pink	2θ1/2	$I_{F2}=20mA$	-	30	-	deg

*1 Tolerance of measurements of color temperature $\pm 10\%$

*2 Tolerance of measurements of dominant wavelength is $\pm 1nm$

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

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