

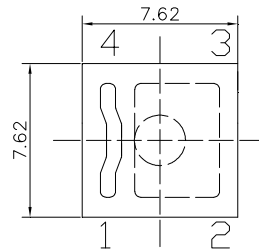
■Features

- High Luminous Super Flux Output
- UV Resistant Epoxy
- Long Lifetime Operation
- Water Clear Type

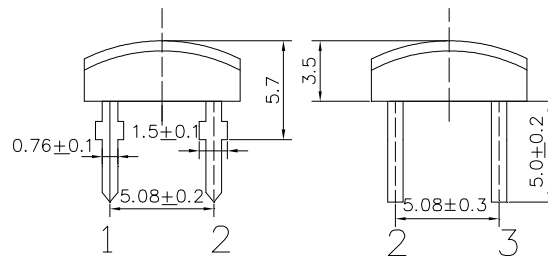
■Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■Outline Dimension



Unit: mm
Tolerance: $\pm 0.20\text{mm}$
unless otherwise noted
1,4 Anode
2,3 Cathode

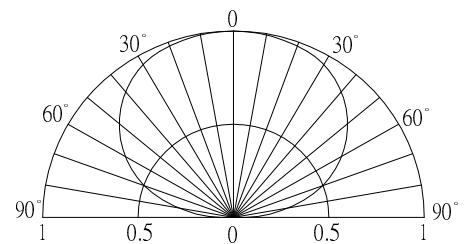


■Absolute Maximum Rating

($T_a=25^\circ\text{C}$)

Item	Symbol	Value	Unit
DC Forward Current	I_F	30	mA
Pulse Forward Current#	I_{FP}	100	mA
Reverse Voltage	V_R	15	V
Power Dissipation	P_D	234	mW
Operating Temperature	T_{opr}	-30 ~ +85	$^\circ\text{C}$
Storage Temperature	T_{stg}	-40 ~ +100	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	260 $^\circ\text{C}$ /5sec	-

■Directivity



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

■Electrical -Optical Characteristics

($T_a=25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V_F	$I_F=20\text{mA}$	-	6.3	7.8	V
DC Reverse Current	I_R	$V_R=15\text{V}$	-	-	10	μA
Domi. Wavelength*2	λ_D	$I_F=20\text{mA}$	585	590	595	nm
Luminous Intensity*3	I_v	$I_F=20\text{mA}$	2500	3500	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	-	140	-	deg

*1 Tolerance of measurements of forward voltage is $\pm 0.1\text{V}$

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

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