

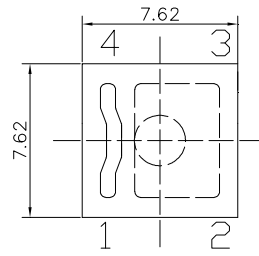
**■Features**

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

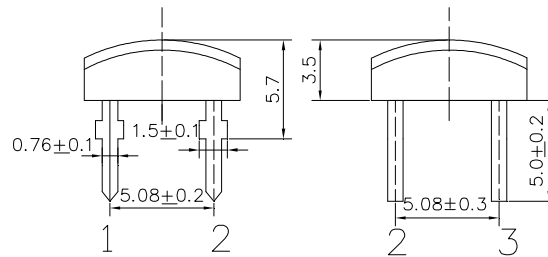
**■Applications**

- Automotive Dashboard Lighting
- Traffic Signal Lamp
- Back Lighting
- Other Lighting

**■Outline Dimension**



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

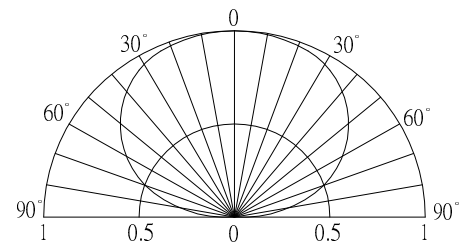


**■Absolute Maximum Rating**

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

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	$P_D$	306	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	$V_F$	$I_F=20\text{mA}$	-	8.9	10.2	V
DC Reverse Current	$I_R$	$V_R=15\text{V}$	-	-	10	$\mu\text{A}$
Domi. Wavelength*2	$\lambda_D$	$I_F=20\text{mA}$	465	470	475	nm
Luminous Intensity*3	$I_v$	$I_F=20\text{mA}$	1500	2000	-	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  $\pm 15\%$