

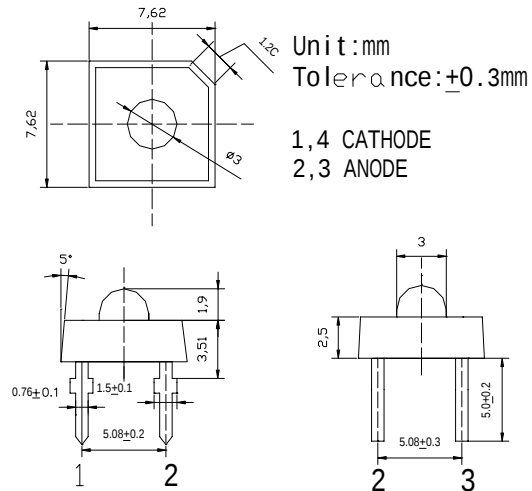
■Features

- Super Flux Output
- Water Clear Type
- Low Thermal resistance
- Design For High Current Operation.

■Applications

- Automotive Dashboard Lighting
- Traffic signal lamp
- Other Exterior Lighting

■Outline Dimension



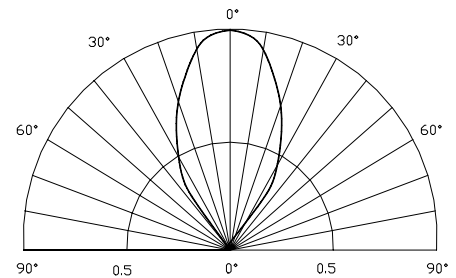
■Absolute Maximum Rating

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

Item	Symbol	Value	Unit
DC Forward Current	I_F	50	mA
Pulse Forward Current*	I_{FP}	120	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120	mW
Operating Temperature	T_{opr}	$-30 \sim +85$	
Storage Temperature	T_{stg}	$-40 \sim +100$	
Lead Soldering Temperature	T_{sol}	260 / 5sec	-

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

■Directivity



■Electrical -Optical Characteristics

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

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F = 20\text{mA}$	1.8	2.0	2.4	V
DC Reverse Current	I_R	$V_R = 5\text{V}$	-	-	10	μA
Domi. Wavelength	λ_D	$I_F = 20\text{mA}$	600	605	610	nm
Luminous Intensity	I_v	$I_F = 20\text{mA}$	2500	4000	5000	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F = 20\text{mA}$	-	60	-	deg