

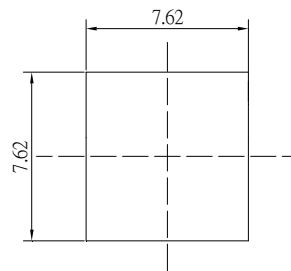
■Features

- High Luminous Super Flux Output
- Arc Standard Directivity
- Long Lifetime Operation
- Low Thermal Resistance
- Superior Weather-Resistance
- UV Resistant Epoxy
- Water Clear Type

■Applications

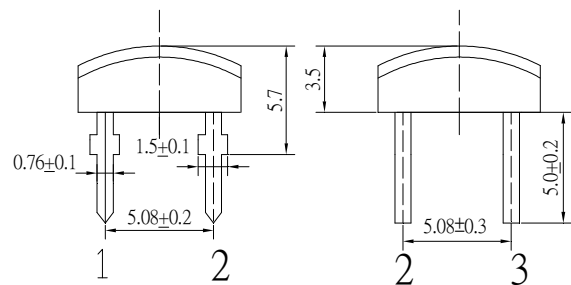
- Interior and exterior automotive lighting
(e.g. dashboard backlighting etc.)
- Backlighting (Illuminated advertising, general lighting, etc)
- Decorative Lighting
- Other Lighting

■Outline Dimension



Unit:mm
Tolerance:±0.3mm

1,4 Anode
2,3 Cathode



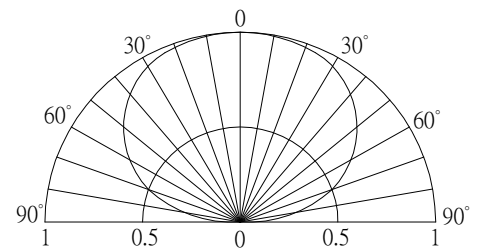
■Absolute Maximum Rating

(Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Current	I_F	50	mA
Pulse Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	180	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	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=30\text{mA}$	2.9	3.1	3.6	V
DC Reverse Current	I_R	$V_R=5\text{V}$	-	-	10	μA
Luminous Intensity*	I_v	$I_F=30\text{mA}$	900	1400	-	mcd
Chromaticity Coordinates*	x	$I_F=30\text{mA}$	-	0.45	-	
	y	$I_F=30\text{mA}$	-	0.41	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=30\text{mA}$	-	140	-	deg

*1 Tolerance of measurements of chromaticity coordinate is ±10%

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

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