

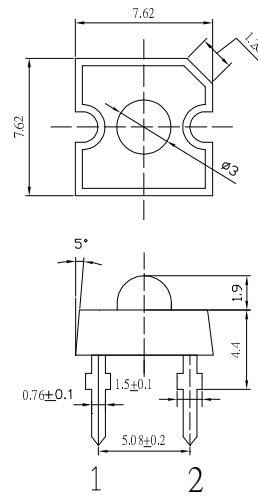
■Features

- High Luminous Super Flux Output
- 3 ϕ Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- Water Clear Type

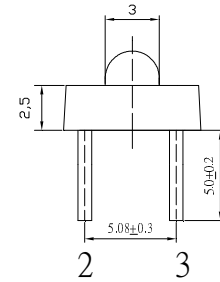
■Applications

- Automotive Dashboard Lighting
- Small Area Illuminations
- Back Lighting
- Other Lighting

■Outline Dimension



Unit:mm
Tolerance:±0.20mm
unless otherwise noted
1,4 Anode
2,3 Cathode



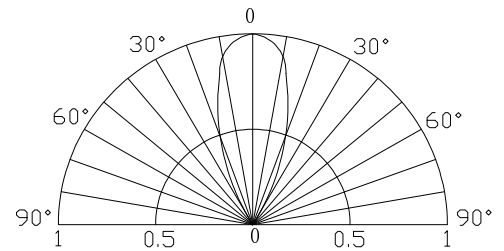
■Absolute Maximum Rating

(Ta=25°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	190	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F	I _F =50mA	3.0	3.3	3.8	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Luminous Intensity*2	I _v	I _F =50mA	10000	12000	-	mcd
Color Temperature*3	CCT	I _F =50mA	5500	6500	8000	K
Chromaticity Coordinates*4	x	I _F =50mA	-	0.31	-	
	y	I _F =50mA	-	0.33	-	
50% Power Angle	2 $\theta_{1/2}$	I _F =50mA	-	40	-	deg

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

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

*3 Tolerance of measurements of CCT is $\pm 10\%$

*4 Tolerance of measurements of chromaticity coordinate is $\pm 10\%$