

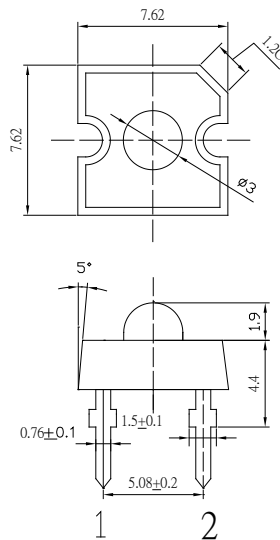
■Features

- High Luminous Super Flux Output
- 5φStandard Directivity
- Long Lifetime Operation
- Water Clear Type

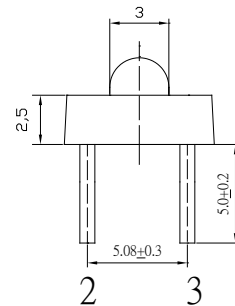
■Applications

- Electronic Signs and Signals
- Illuminations
- Reading Lamps / Emergency 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	80	mA
Pulse Forward Current#	I _{FP}	120	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	288	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260°C/5sec	-

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

■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F	I _F =70mA	-	3.3	3.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Luminous Flux*2	Φ _v	I _F =70mA	17.5	19.5	-	lm
Luminous Intensity*3	I _v	I _F =70mA	25000	30000	-	mcd
Color Temperature*4	CCT	I _F =70mA	8500	10000	18000	K
Chromaticity	x	I _F =70mA	-	0.27	-	
Coordinates*5	y	I _F =70mA	-	0.28	-	
50% Power Angle	2θ _{1/2}	I _F =70mA	-	40	-	deg

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

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

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

*4 Tolerance of measurements of color temperature is ±10%

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

■Directivity

