

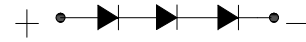
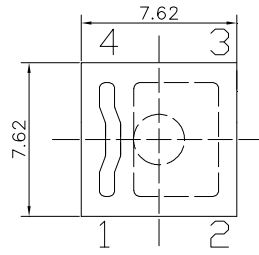
**■Features**

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

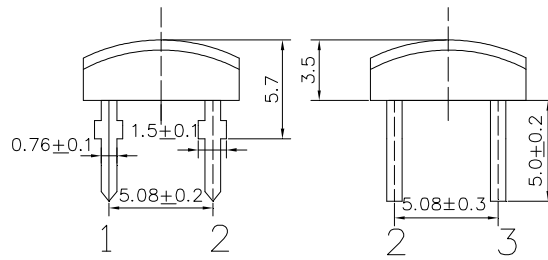
**■Applications**

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting
- Other Lighting

**■Outline Dimension**



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



**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	30	mA
Pulse Forward Current#	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	15	V
Power Dissipation	P <sub>D</sub>	306	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
Lead Soldering Temperature	T <sub>sol</sub>	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 <sub>F</sub>	I <sub>F</sub> =30mA	-	8.9	10.2	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =15V	-	-	10	μA
Luminous Flux*2	Φ <sub>v</sub>	I <sub>F</sub> =30mA	-	30	-	lm
Luminous Intensity*3	I <sub>v</sub>	I <sub>F</sub> =30mA	7500	9000	-	mcd
Color Temperature*4	CCT	I <sub>F</sub> =30mA	-	10000	-	K
Chromaticity Coordinates*5	x	I <sub>F</sub> =30mA		0.27		-
	y	I <sub>F</sub> =30mA		0.28		-
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =30mA	-	140	-	deg

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

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

\*3 Tolerance of measurements of luminous intensity is  $\pm 15\%$

\*4 Tolerance of measurements of color temperature is  $\pm 10\%$

\*5 Tolerance of measurements of chromaticity coordinates is  $\pm 10\%$

**■Directivity**

