

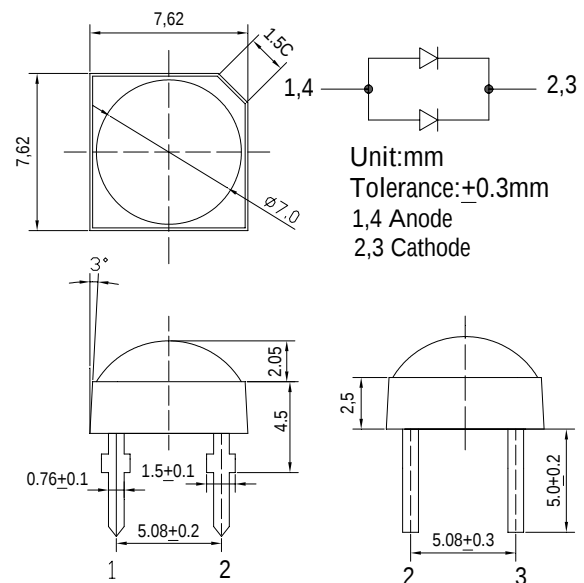
■Features

- High Luminous Super Flux Output
- Superior Weather-resistance
- UV Resistant Epoxy
- Long Lifetime Operation
- Water Clear Type
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■Applications

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting
- Other Lighting
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■Outline Dimension



■Absolute Maximum Rating

(Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	70	mA
Pulse Forward Current*	I_{FP}	120	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	228	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

■Electrical -Optical Characteristics

(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=50mA$	2.9	3.2	3.8	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Luminous Intensity*	I_v	$I_F=50mA$	4200	5800	-	mcd
Luminous Flux	Φ_v	$I_F=50mA$	12	16	-	lm
Color Temperature	CCT	$I_F=50mA$	-	3000	-	K
Chromaticity Coordinates*	x	$I_F=50mA$	-	0.45	-	
	y	$I_F=50mA$	-	0.41	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=50mA$	-	130	-	deg

*1 Tolerance of chromaticity coordinate is $\pm 10\%$

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

■Directivity

