

■Features

- High Luminous LEDs
- 5 ° Standard Directivity
- Long Lifetime Operation
- Superior Weather-resistance
- Water Clear Type

■Applications

- Backlighting (switches, keys, displays, illuminated advertising etc.)
- Substitution of Micro Incandescent Lamps
- Reading Lamps / Emergency Lighting
- Marker lights (e.g. steps, exit ways, etc.)
- Other Lighting

■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	30	mA
Pulse Forward Current*	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	114	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)

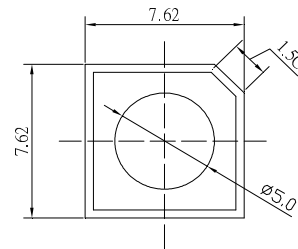
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =30mA	3.0	3.3	3.8	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Luminous Intensity*	I _v	I _F =30mA	4200	5800	-	mcd
Luminous Flux	Φ _v	I _F =30mA	8.5	9.5	-	lm
Chromaticity Coordinates*	x	I _F =30mA	-	0.19	-	
	y	I _F =30mA	-	0.29	-	
50% Power Angle	2θ _{1/2}	I _F =30mA	-	90	-	deg

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

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

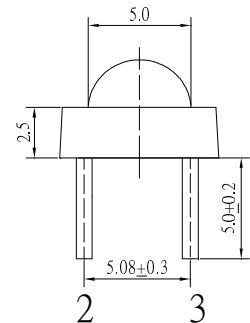
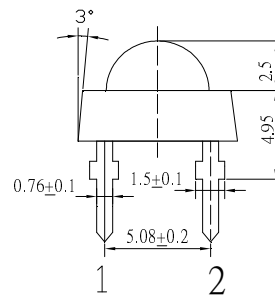
*3 Tolerance of measurements of forward voltage is ±0.1V

■Outline Dimension



Unit:mm
Tolerance:±0.3mm

1,4 Anode
2,3 Cathode



■Directivity

