

### ■Features

- High Luminous PLCC6 Top SMD LEDs
- 5.0x5.0x1.5mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

### ■Applications

- Backlighting (switches, keys, etc.)
- Marker lights (e.g. steps, exit ways, etc.)
- Signal and Channel Letter
- Marker lights (e.g. steps, exit ways, etc.)
- Other Lighting

### ■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	90	mA
Pulse Forward Current*	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	234	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

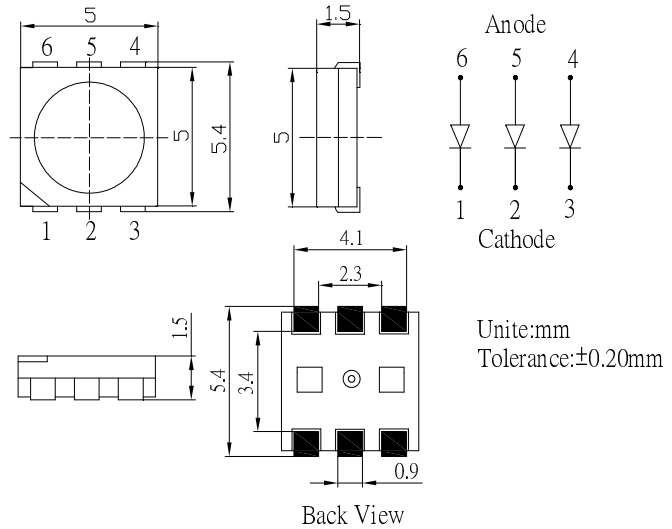
(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =60mA	1.8	2.1	2.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength*	λ <sub>D</sub>	I <sub>F</sub> =60mA	585	590	595	nm
Luminous Flux	Φ <sub>v</sub>	I <sub>F</sub> =60mA	9.0	10.5	-	lm
Luminous Intensity*	I <sub>v</sub>	I <sub>F</sub> =60mA	4200	5800	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =60mA	-	120	-	deg

\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is ±15%

### ■Outline Dimension



### ■Directivity

