

**■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 )

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	Topr	-30 ~ +85	
Storage Temperature	Tstg	-40~ +100	
Lead Soldering Temperature	Tsol	260 /5sec	-

\*Pulse width Max. 10ms, Duty ratio max 1/10

**■Electrical -Optical Characteristics**

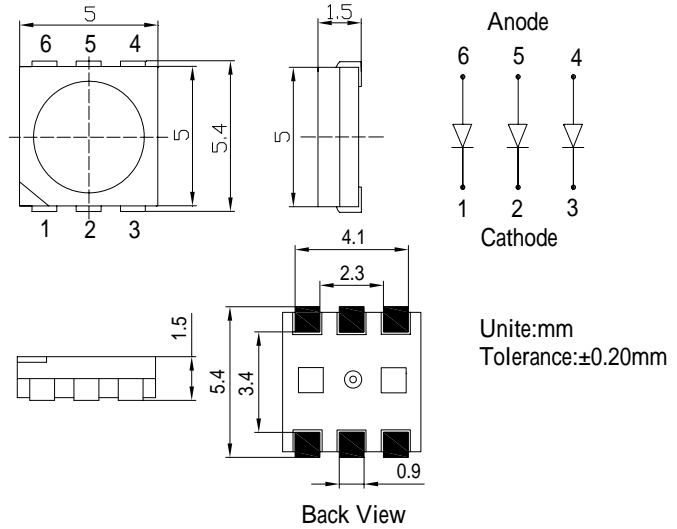
(Ta=25 )

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	620	625	630	nm
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**

