

■ Features

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

($T_a=25^{\circ}\text{C}$)

Item	Symbol	Value	Unit
DC Forward Current	I _F	75	mA
Pulse Forward Current*	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	270	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

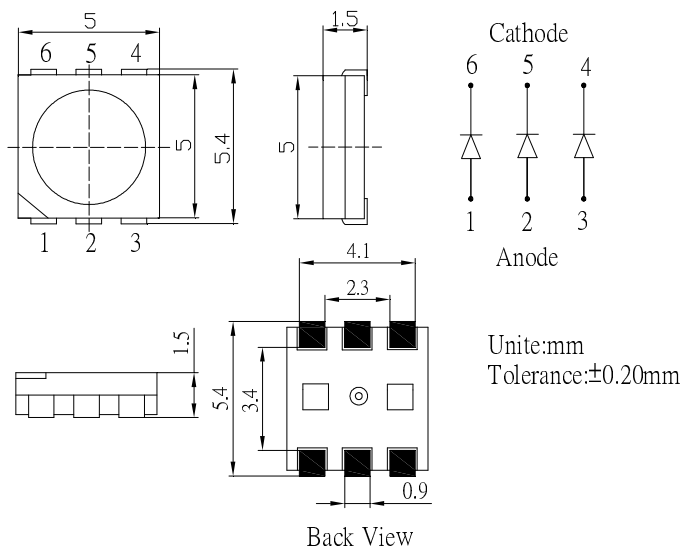
($T_a=25^{\circ}\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=60\text{mA}$	3.0	3.1	3.6	V
DC Reverse Current	I_R	$V_R=5\text{V}$	-	-	10	μA
Domi. Wavelength	λ_D	$I_F=60\text{mA}$	520	525	530	nm
Luminous Intensity	I_v	$I_F=60\text{mA}$	3000	4200	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=60\text{mA}$	-	120	-	deg

*1 Tolerance of dominant wavelength is $\pm 1\text{nm}$

*2 Tolerance of luminous intensity is +15%

■ Outline Dimension



■ Directivity

