

■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

(Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	50 x 3	mA
Pulse Forward Current*	I _{FP}	120 x 3	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	130 x 3	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

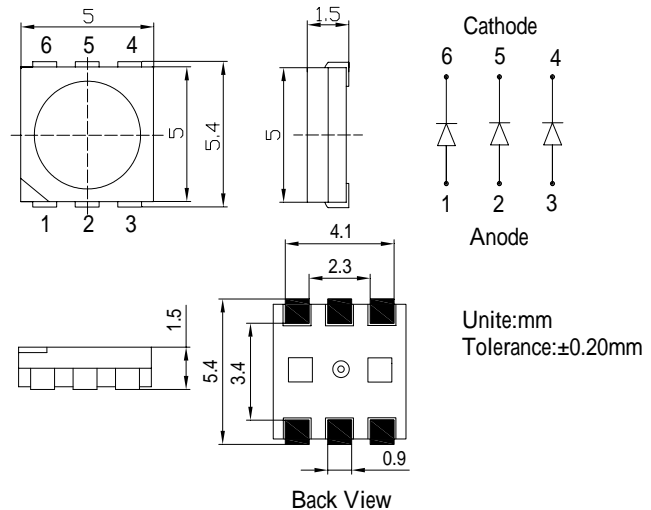
(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =40mA x 3	1.8	2.1	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*	λ _D	I _F =40mA x 3	606	610	616	nm
Luminous Intensity*	I _v	I _F =40mA x 3	3000x3	4200x3	-	mcd
Luminous Flux *	I _v	I _F =40mA x 3	8 x 3	9 x 3	-	lm
50% Power Angle	2θ _{1/2}	I _F =40mA x 3	-	120	-	deg

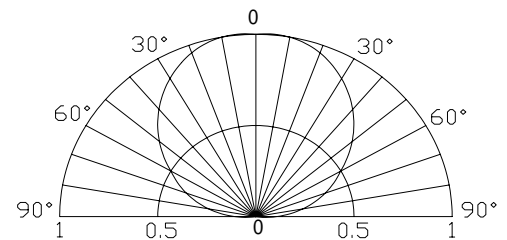
*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous Flux is ±15%

■Outline Dimension



■Directivity



Maximum Forward DC Current

