

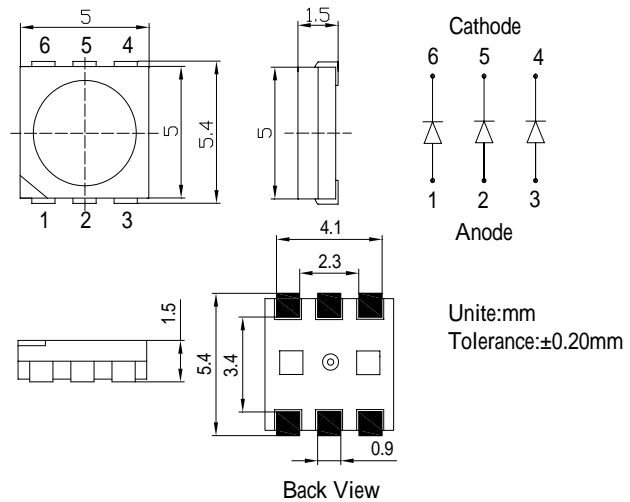
### ■Features

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

### ■Applications

- Decorative lighting
- Back Lighting
- Other Lighting

### ■Outline Dimension



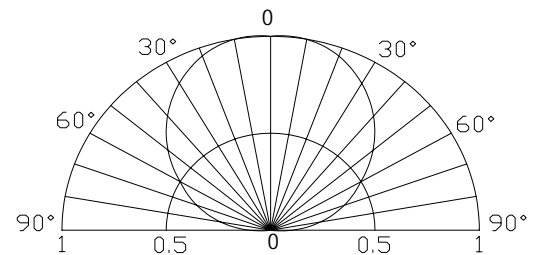
### ■Absolute Maximum Rating

(Ta=25 )

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	
Storage Temperature	$T_{stg}$	-40~ +100	
Lead Soldering Temperature	$T_{sol}$	260 /5sec	-

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

### ■Directivity



### Electrical -Optical Characteristics

(Ta=25 )

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F$	$I_F=60mA$	3.0	3.1	3.6	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	$\mu A$
Luminous Intensity*	$I_v$	$I_F=60mA$	2500	2800	-	mcd
Luminous Flux*	$\nu$	$I_F=60mA$	9	11	-	lm
Chromaticity Coordinate*	x	$I_F=60mA$	-	0.25	-	
	y	$I_F=60mA$	-	0.14	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=60mA$	-	120	-	deg

\*1 Tolerance of chromaticity coordinate is  $\pm 10\%$

\*2 Tolerance of luminous intensity is  $\pm 15\%$