

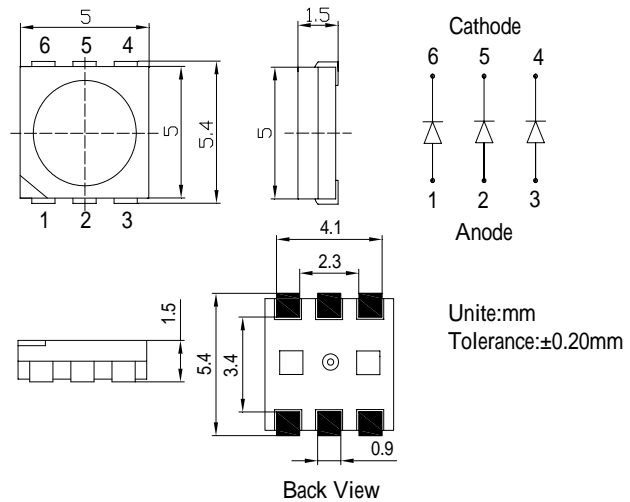
■Features

- 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



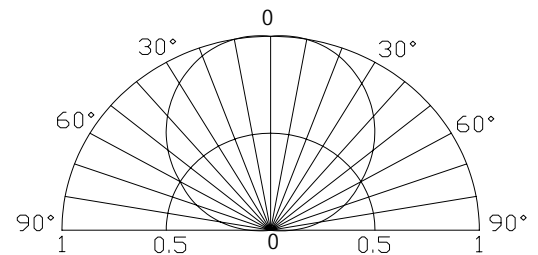
■Absolute Maximum Rating

(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	μA
Luminous Intensity*	I_v	$I_F=60mA$	2500	2800	-	mcd
Luminous Flux*	ν	$I_F=60mA$	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 $\pm 15\%$

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