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elektronikai alkatrész áruház

EN: This Datasheet is presented by the manufacturer.

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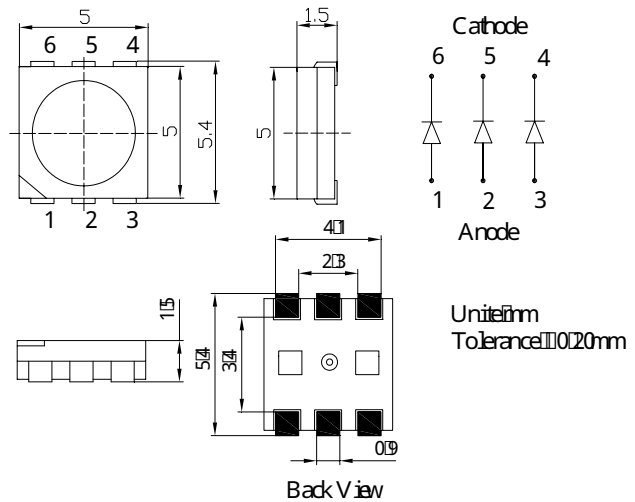
■Features

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

■Applications

- Decorative lighting
- Back Lighting
- Other Lighting

■Outline Dimension



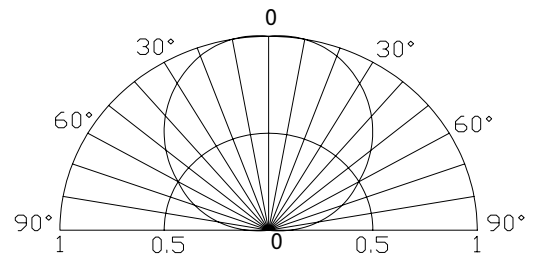
■Absolute Maximum Rating

(Ta=25 °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	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Lead Soldering Temperature	Tsol	260 °C /5sec	-

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

■Directivity



□ Electrical -Optical Characteristics

(Ta=25 °C)

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	5000	6500	-	mcd
Luminous Flux*	Φ _v	I _F =60mA	18	21	-	lm
Chromaticity Coordinate*	x	I _F =60mA	-	0.35	-	
	y	I _F =60mA	-	0.50	-	
50% Power Angle	2θ _{1/2}	I _F =60mA	-	120	-	deg

*1 Tolerance of chromaticity coordinate is ±10%

*2 Tolerance of luminous intensity is ±15%