EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

OptoSupply
Light It Up

5x5x1.5mm Fluorescent Green Color Top SMD LED

OSG74TS4C1A

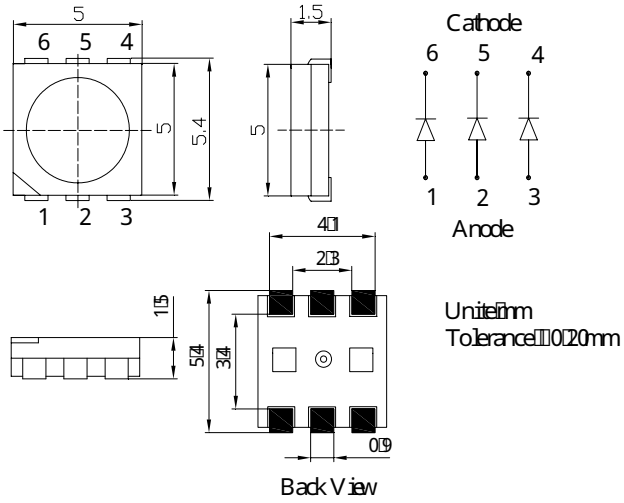
▪Features

- 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

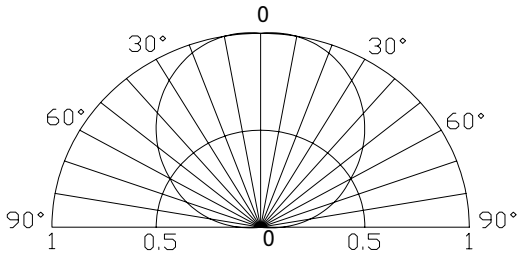


▪Absolute Maximum Rating (Ta=25 □)

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	□
Storage Temperature	Tstg	-40~ +100	□
Lead Soldering Temperature	Tsol	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*	Iv	I_F=60mA	5000	6500	-	mcd
Luminous Flux*	□ v	I_F=60mA	18	21	-	lm
Chromaticity Coordinate*	x	I_F=60mA	-	0.35	-	
	y	I_F=60mA	-	0.50	-	
50% Power Angle	$2\theta_{1/2}$	I_F=60mA	-	120	-	deg

*1 Tolerance of chromaticity coordinate is ±10%
*2 Tolerance of luminous intensity is ±15%