

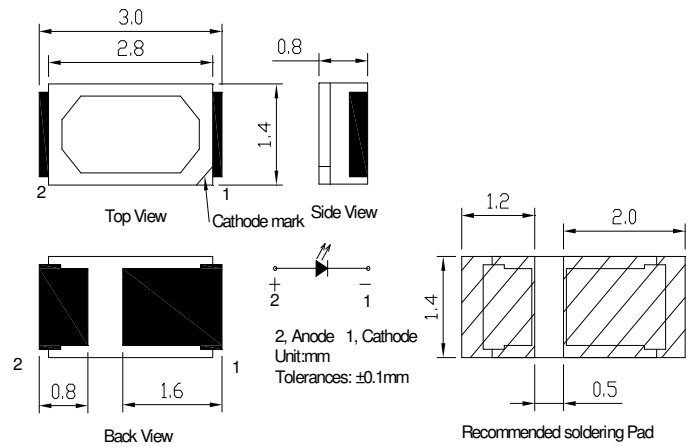
**■Features**

- Top view white LED (3.0 x 1.4 x 0.8mm)
- Super high brightness of surface mount LED
- Lead frame package with individual 2 pins
- Compatible to IR reflow soldering.

**■Applications**

- General lighting
- Decoration lighting
- Indicator

**■Outline Dimension**



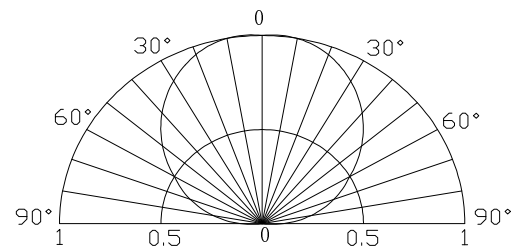
**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	35	mA
Pulse Forward Current*	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	126	mW
Operating Temperature	Topr	-40 ~ +85	°C
Storage Temperature	Tstg	-40~ +85	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

\*Pulse width Max 0.1ms, Duty ratio max 1/10

**■Directivity**



**■Electrical -Optical Characteristics**

(Ta=25°C)

Part Number	Color		V <sub>F</sub> (V)			I <sub>R</sub> (μA)	I <sub>v</sub> (mcd)			WD(nm)			2θ1/2(deg)
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
			I <sub>F</sub> =30mA			V <sub>R</sub> =5V	I <sub>F</sub> =30mA						
OSG53014C1A-30mA	Pure Green	G5	2.8	3.1	3.6	10	1600	2000	-	520	525	530	120

Note: \* Vf tolerance: ±0.05V

\* Luminous flux measurement allowance is:±10%