

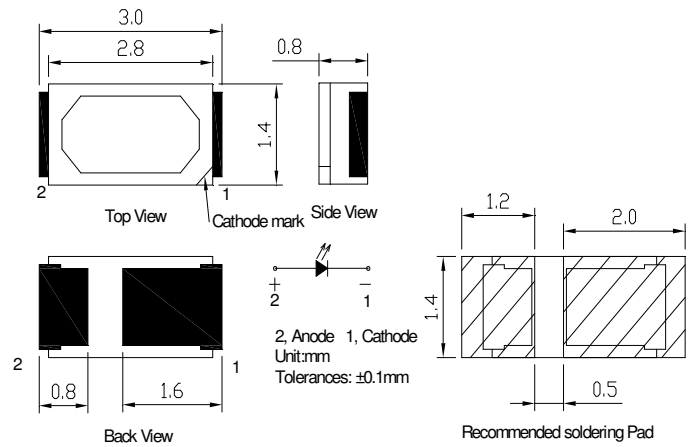
■Features

- 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



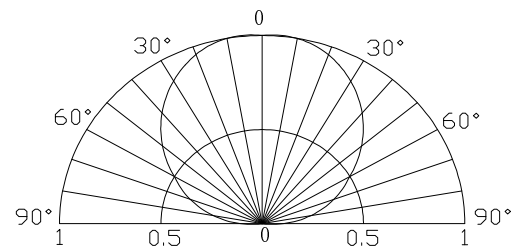
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	35	mA
Pulse Forward Current*	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	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 _F (V)			I _R (μA)	I _v (mcd)			WD(nm)			2θ1/2(deg)
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
			I _F =30mA			V _R =5V	I _F =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%

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