



Feature:

Features:

- ☑ 3.0mmx1.4mm SMD, PLCC2 package
 - ☑ Ultra brightness
 - ☑ Compatible with automatic placement equipment
 - ☑ WIDE VIEWING ANGLE.
 - ☑ IDEAL FOR BACKLIGHT AND INDICATOR.
 - ☑ PACKAGE:2000PCS/REEL
- RoHs Compliance

Applied for:



Super Bright LED Electrical-optical characteristics: (Ta=25°C) (Test Condition: IF=20mA)

Sepecification

Part NO	color	wavelength	V typical	V max	Brightness	Degree
BL-LS3014A0S1UEC	High Bright Orange	630	2.1	2.5	320	120
BL-LS3014A0S1UYO	Ultra Amber	610	2.1	2.6	600	120
BL-LS3014A0S1UYC	High Bright Yellow	593	2.1	2.6	600	120
BL-LS3014A0S1UGC	Super Pure Green	575	2.2	2.7	80	120
BL-LS3014A0S1PGC	Super Bluish Green	525	3.1	3.8	1500	120
BL-LS3014A0S1UBC	Blue	470	3.1	3.8	500	120
BL-LS3014A0S1UWC	White	/	3.1	3.8	2100	120
BL-LS3014A0S1UW2C	White	/	3.1	3.8	2300	120

Product Dimension & Internal circuit diagram

SMD LED | 3014 SMD Package diagram

Notes:

- 1)All dimensions are in millimeters (inches)
- 2)Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
- 3)Specifications are subject to change without notice.

Reflector Surface color (1st number)/ dot Lens color (2nd number):

Number	0	1	2	3	4	5
Ref Surface Color	White	Black	Gray	Red	Green	
Dot Epoxy Color	Water clear	White diffused	Red Diffused	Green Diffused	Yellow Diffused	

Absolute maximum ratings (Ta= 25°C)

Parameter	S	G	E	D	UG	UE	PG	Unit
Forward Current I _F	30	30	30	30	30	30	30	mA
Power Dissipation P _d	75	80	80	75	75	65	110	mW
Reverse Voltage V _R	5	5	5	5	5	5	5	V
Peak Forward Current I _{PF} (Duty 1/10 @1KHZ)	150	150	150	150	150	150	150	mA
Operation Temperature T _{OPR}	-40 to +80							°C
Storage Temperature T _{STG}	-40 to +85							°C
Lead Soldering Temperature T _{SOL}	Max.260°C for 3 sec Max. (1.6mm from the base of the epoxy bulb)							°C