

SMD LED LAMP, Dome Lens

BL-LS3528H0S1UYC

Features:

- 3.5mmx2.8mm SMD, 3.5mm THICKNESS PLCC2 package
- Black housing, Dome Lens
- Mono-color type, Ultra brightness
- Compatible with automatic placement equipment.
- IDEAL FOR VMS and display panel.
- PACKAGE: 2KPCS/REEL
- RoHs Compliance



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

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Part Number	Chip			Lens Type	Forward Voltage(VF) Unit:V		Luminous Intensity (Iv) Unit:mcd		Viewing Angle 2θ1/2(deg)
	Emitted Color	Material	λP (nm)						
					Typ	Max	Min.	Typ.	
BL-LS3528H0S1UYC	Ultra Yellow	AlGaInP	593	Water Clear	2.10	2.60	3000	5000	60

■ Absolute maximum ratings (Ta=25°C)

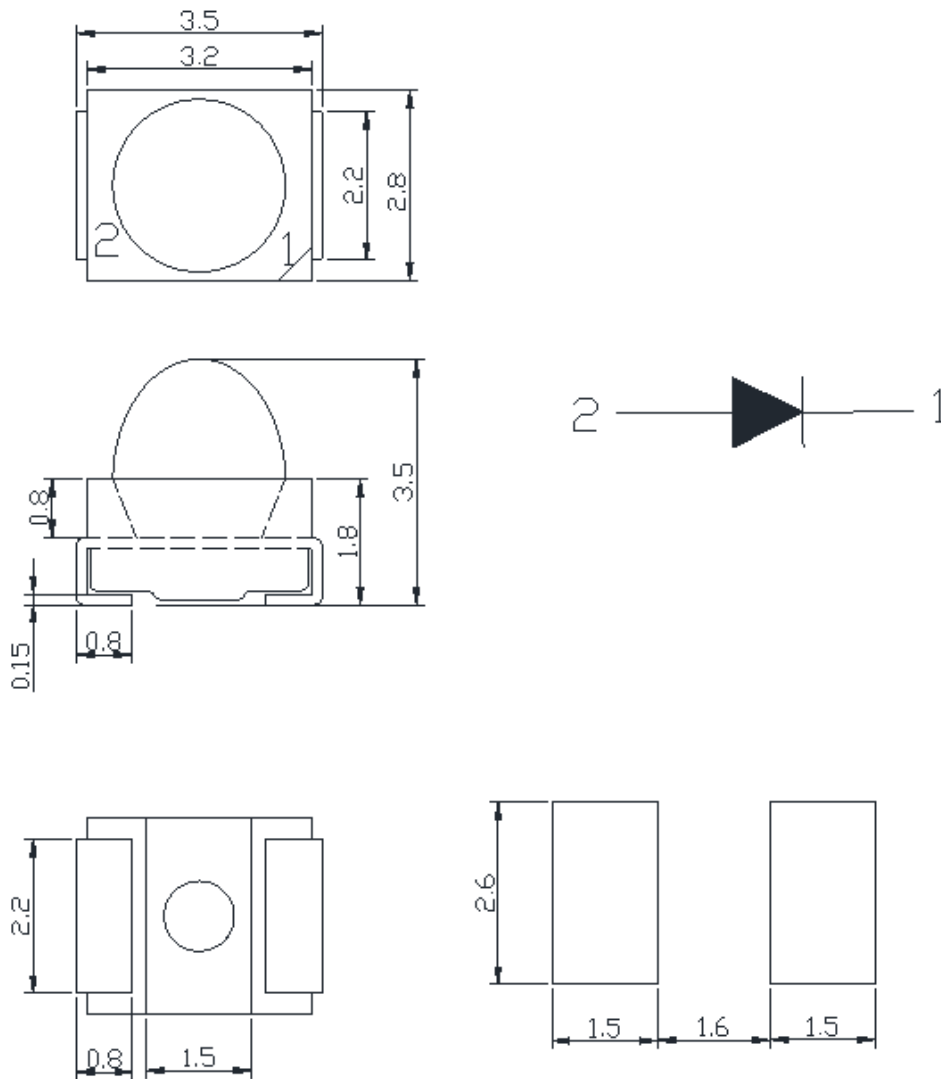
Parameter	Rating	Unit
Forward Current I_F	50	mA
Power Dissipation P_d	78	mW
Reverse Voltage V_R	5	V
Peak Forward Current I_{PF} (Duty 1/10 @1KHZ)	200	mA
Operation Temperature T_{OPR}	-20 to +80	°C
Storage Temperature T_{STG}	-40 to +85	°C
Lead Soldering Temperature T_{SOL}	Max.260±5°C for 3 sec Max. (1.6mm from the base of the epoxy bulb)	°C

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■ Package configuration & Internal circuit diagram

BL-LS3528H0S1 SERIES



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.

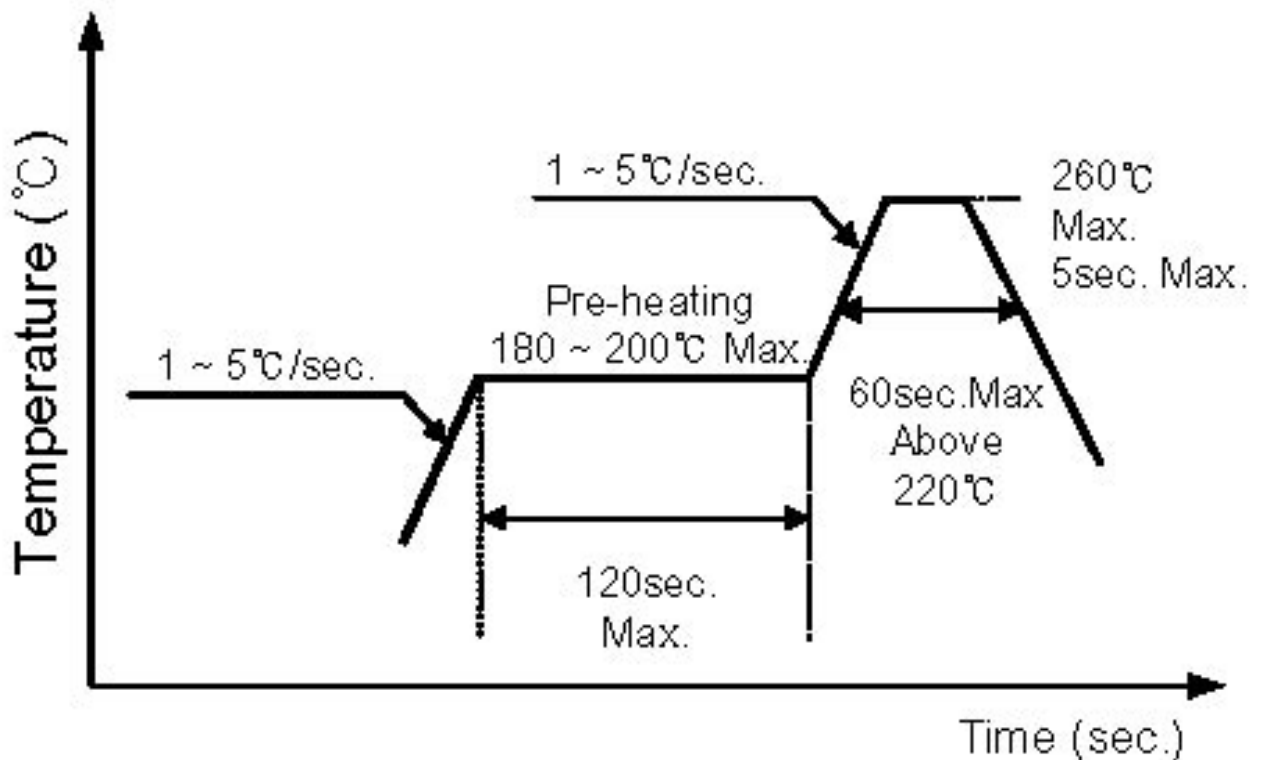
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■ SMT Reflow Solder Instructions

Number of reflow process shall be less than 2 times
and cooling process to normal temperature is required
between first and second soldering process

■ Lead-free Solder



Technical drawing of a stepped profile. The vertical dimension is 2.6. The horizontal dimensions are 1.5, 1.6, and 1.5.

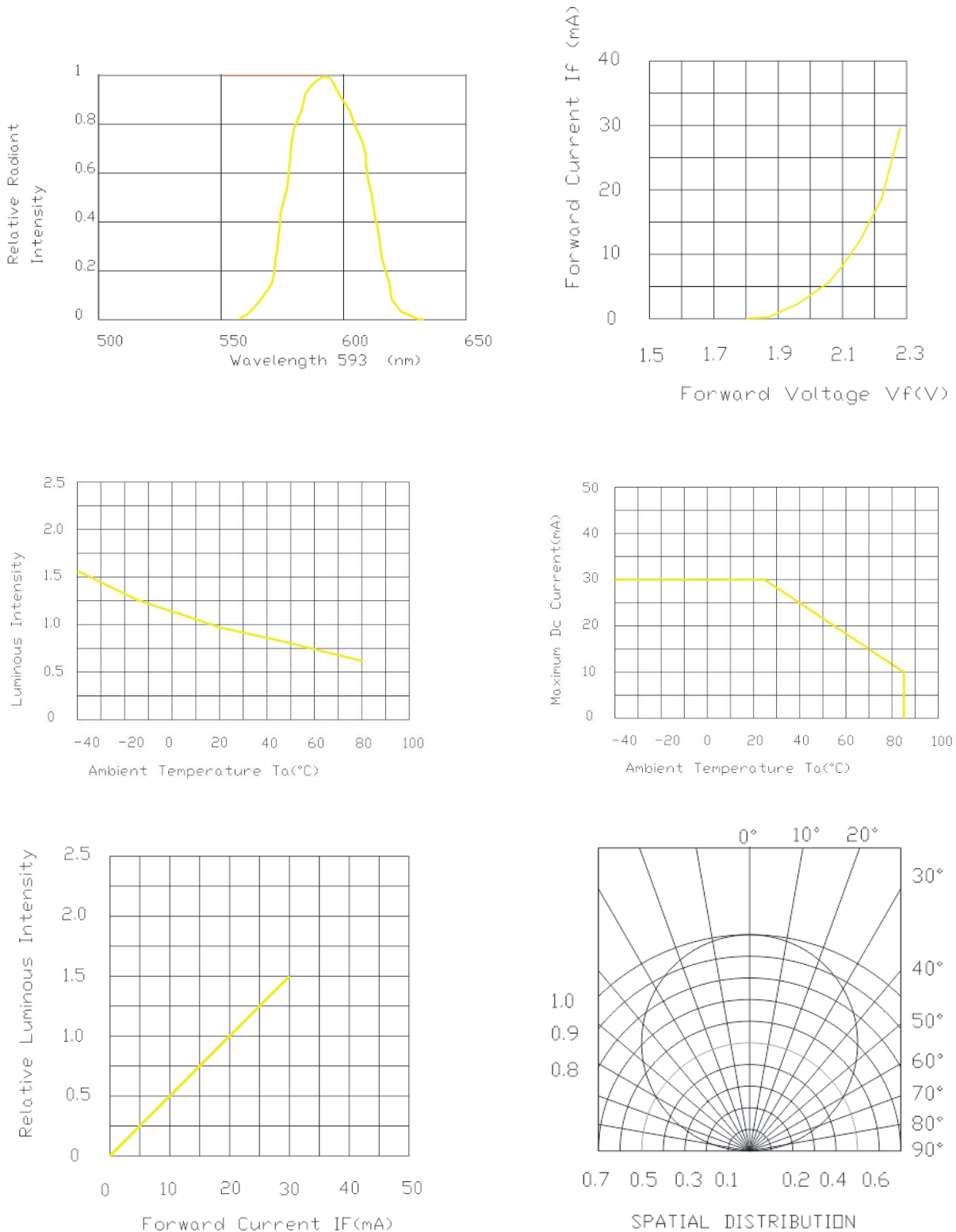
Tolerance: ± 0.1



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■ **Typical electrical-optical characteristics curves:**



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■ Packing and weighting

