

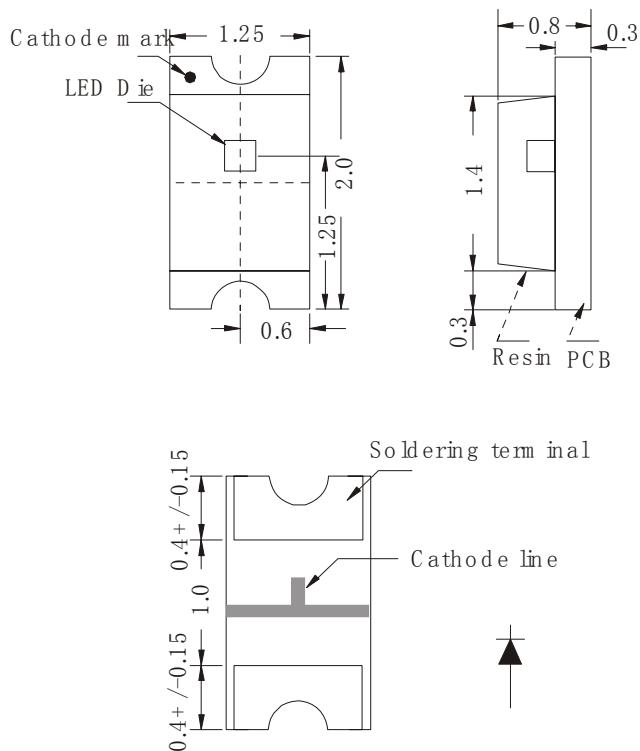
### 1、Features:

- Emitting Color: White
- Lens Type: Yellow diffused
- Device Outline: 2.0×1.25×0.8 (unit:mm)
- RoHS compliant

### 2、Applications:

- Backlight for Mobile, Machine Vision, LCD Display
- Backlight in Dashboard and switch of Automotive

### 3、Outline Dimensions:



Note: 1.All dimension units are millimeters

2. All dimension tolerance is  $\pm 0.10$ mm



# Ningbo Junsheng Electronics Co.,LTD.

**Part No.: JSL-0805UWC**

## 4、 Absolute maximum ratings (Ta = 25°C):

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
Power Dissipation	Pd	—	—	70	mW
Reverse Voltage	VR	IR = 30 μ A	5	—	V
Pulse Current	IFp	Duty=0.1, 1kHz	—	100	mA
Forward Current	IFm	—	—	25	mA
Operating Temperature	Topr	—	-40	+85	°C
Storage Temperature	Tstr	—	-40	+85	°C

## 5、 Electrical and optical characteristics (Ta = 25°C):

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 20mA	2.8	3.0	3.6	V
Reverse Current	IR	VR = 5V	—	—	30	μ A
Wave Length	Tc	IF = 20mA	—	10000	—	K
Luminous Intensity	Iv	IF = 20mA	200	400		mcd
Viewing Angle	2 θ 1/2	IF = 20mA	—	120	—	Deg.