XL-A324SURUBW F3 技术数据表

特点（ ）：

* L/W/H :F3/3.8*3.0*5.2*28mm

Appearance dimension (L / w / h): F3/3.8*3.0*5.2*28mm

* : /

Luminous color and colloid: high brightness red bluen / Aerosol l colloid

* ROHS

Environmental protection products meet ROHS requirements

* MSL :2

Moisture sensitivity level MSL : 2 levels

* EIA

EIA standard packaging

*

Long operating life

*

Reduced maintenance costs

*

High energy efficiency, fast startup

*

Low voltage DC drive

应用领域（ ）：

*

Backlight module applic

目录

Catalogue

电性参数

Max Power Dissipation	PD	50	70	mW
Max Continuous Forward Current	IF	20	20	mA
Peak Forward Current	IFP	80	80	mA
Operating Temperature Range	TOPR	-20 ~ +85 C		
Storage Temperature Range	TSTR	-40 ~ +85 C		
/ Lead Soldering Temperature/Time	TSOL	reflow soldering 240°C 6s manual welding 300°C 3s		

亮度分档

：

代码	最小值	最大值	单位	测试条件
A5	400	500	mcd	IF=20mA
A6	500	700		
A9	1200	1500		
B1	1500	1800		
B2	1800	2100		

电压分档

：

代码	最小值	最大值	单位	测试条件
N12-7	1.8	2.0	V	IF=20mA
N12-8	2.0	2.2		
N12-9	2.2	2.4		
N13-3	2.8	3.0		
N13-4	3.0	3.2		
N13-5	3.2	3.4		

波长分档

：

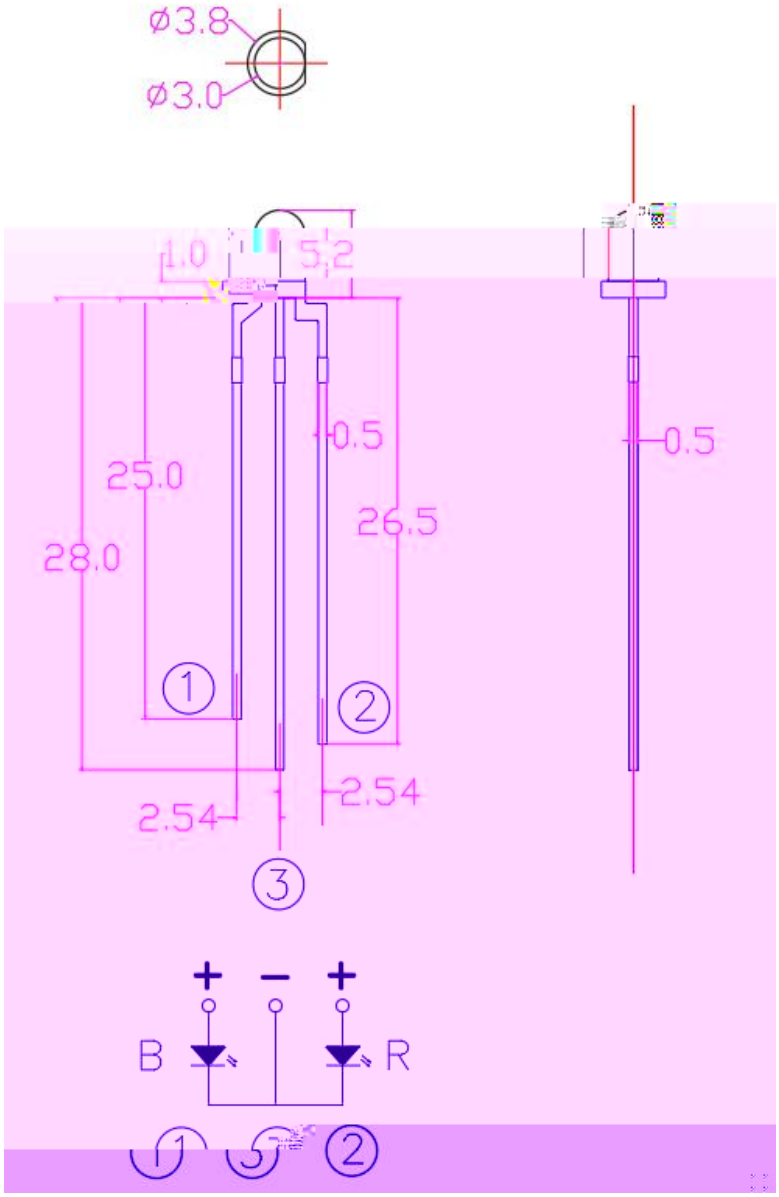
Part No.:

可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Fail qty
Endurance test	Working life	Ta=25 ±5 ,IF=20mA	1000hrs	22 PCS	0/1
	High temperature and high humidity experiment	Ta= 85±5 , RH= 85 90%	1000hrs	22 PCS	0/1
	High-temperature storage	Ta= 85±5	1000hrs	22 PCS	0/1
	Low temperature storage	Ta= -40±5	1000hrs	22 PCS	0/1
Environmental testing	Cold and hot cycle	100 ±5 30mins 5mins -40 ±5 30mins	100 Circles	22 PCS	0/1
	Hot and cold impact	105 ±5 5mins -45 ±5 5mins	100 Circles	22 PCS	0/1
Mechanical Test	Resistance to Soldering Heat	T.sol= 250 ± 5	2times	22 PCS	0/1
	Lead Integrity	Load 2.5N(0.25kgf) 0°~ 90° ~0°	3times	22 PCS	0/1

外形尺寸



(Note)

1.

Dimensions are in millimeters.

2. ± 0.50mm .

Tolerances unless mentioned are ± 0.50mm.

使用注意事项(1)

1.
LED LED

This LED can be used in some ordinary electronic equipment, such as office equipment, communication equipment, house decoration, if LED is used in some h

使用注意事项（2）

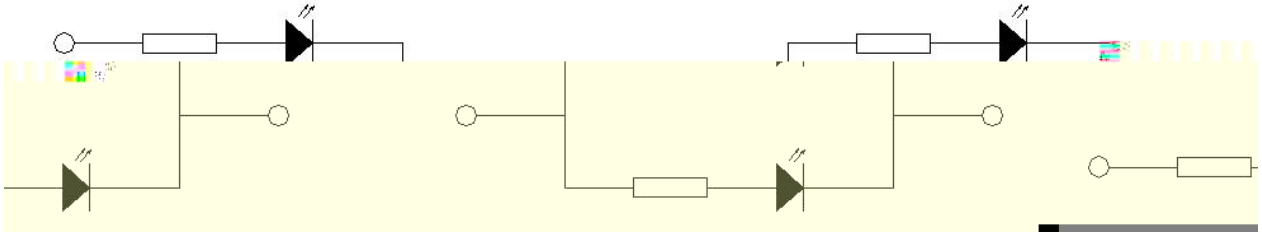
Precautions (2)

2mm LED
LED

When welding, welding must be conducted below 2mm of colloid bottom. When welding, try to avoid soaking LED colloid. After welding, avoid adding external force on the pin or shaking LED colloid.

LED LED A LED LED

In the current driving mode of LED, if LED is multiple in parallel, it is recommended to use line A and add a flow limit resistance to each LED to ensure the consistent brightness of LED.



LED InGaN
HBM<1000V <100V

High increase of static electricity and current will damage LED. Use antistatic devices such as protective belts and gloves. Note: human discharge mode HBM <1000V; machine discharge mode <100V.

使用注意事项（3）

Precautions (3)