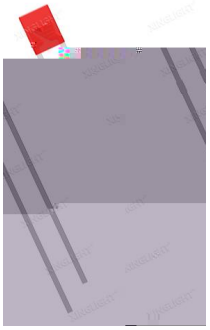
XINGLIGHT®

Part No. :XL-[redacted]

XL-234SURD-L 234 [redacted]

特点（ ）：



* :3.0*2.0*4.0*28mm
Appearance dimension: 3.0*2.0*4.0*28mm
* : /
Luminous color and colloid: Red brightness White /Red colloid
* ROHS
Environmental protection products meet ROHS requirements
* MSL :2
Moisture sensitivity level MSL : 2 levels
* EIA
EIA standard packaging
*
Long operating life
*
High energy efficiency, fast startup
*
Low voltage DC drive

[redacted]（ ）：

* ;
Home appliances, digital, communication
*
Automotive Electronics
*
Lighting decoration
*
electronic toy
*
electronic clock
*
Traffic instructions
*
Medical beauty instruments
*
Electronic teaching equipment
*
Urban lighting

目录

Catalogue

电性参数

Parameter	Symbol	Rating	Unit
Consumed power	Pd	70	mW
Max Continuous Forward Current	IF	20	mA
Peak Forward Current	IFp	80	mA
Operating ambient temperature	Topr	-	

亮度分档

：

代码	最小值	最大值	单位	测试条件
A1	50	100	mcd	IF=20mA
A2	100	200		
A3	200	300		

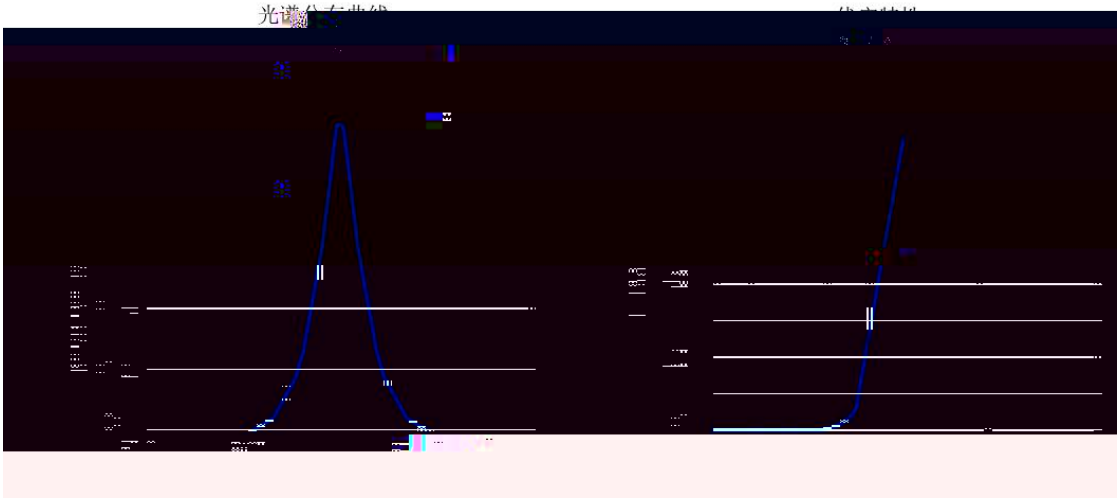
电压分档

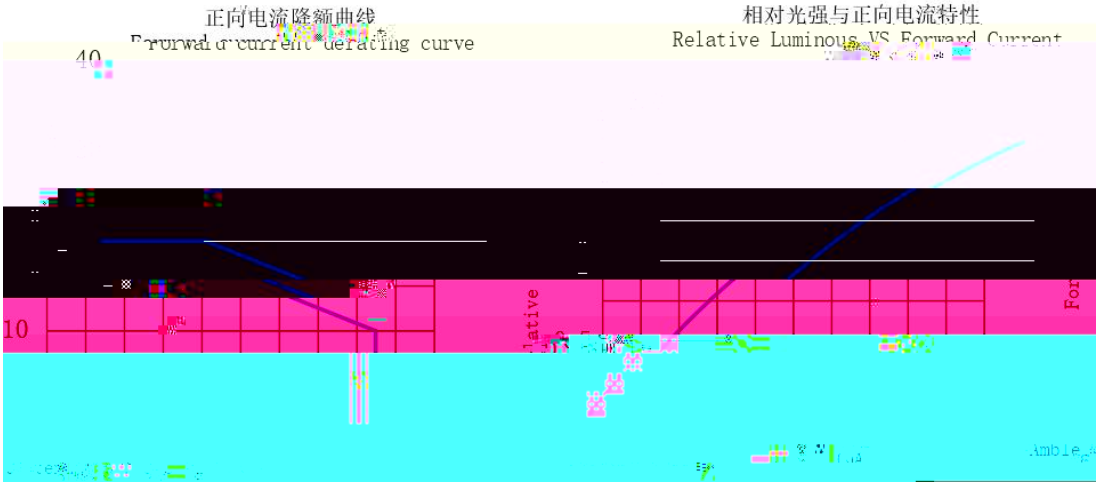
：

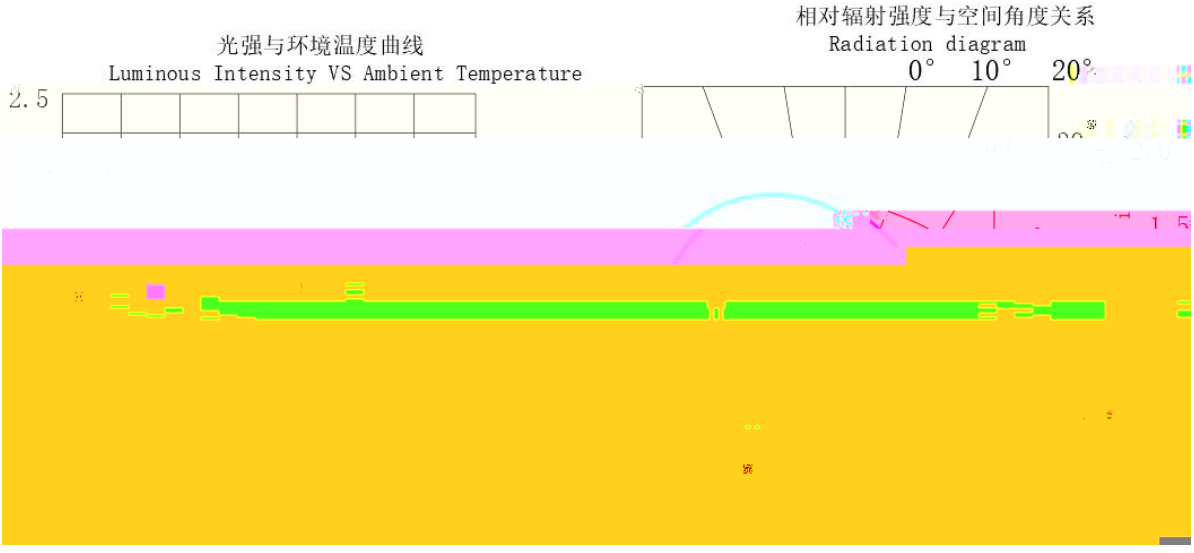
代码	最小值	最大值	单位	测试条件
N12-7				

波长分档

典型特性曲线







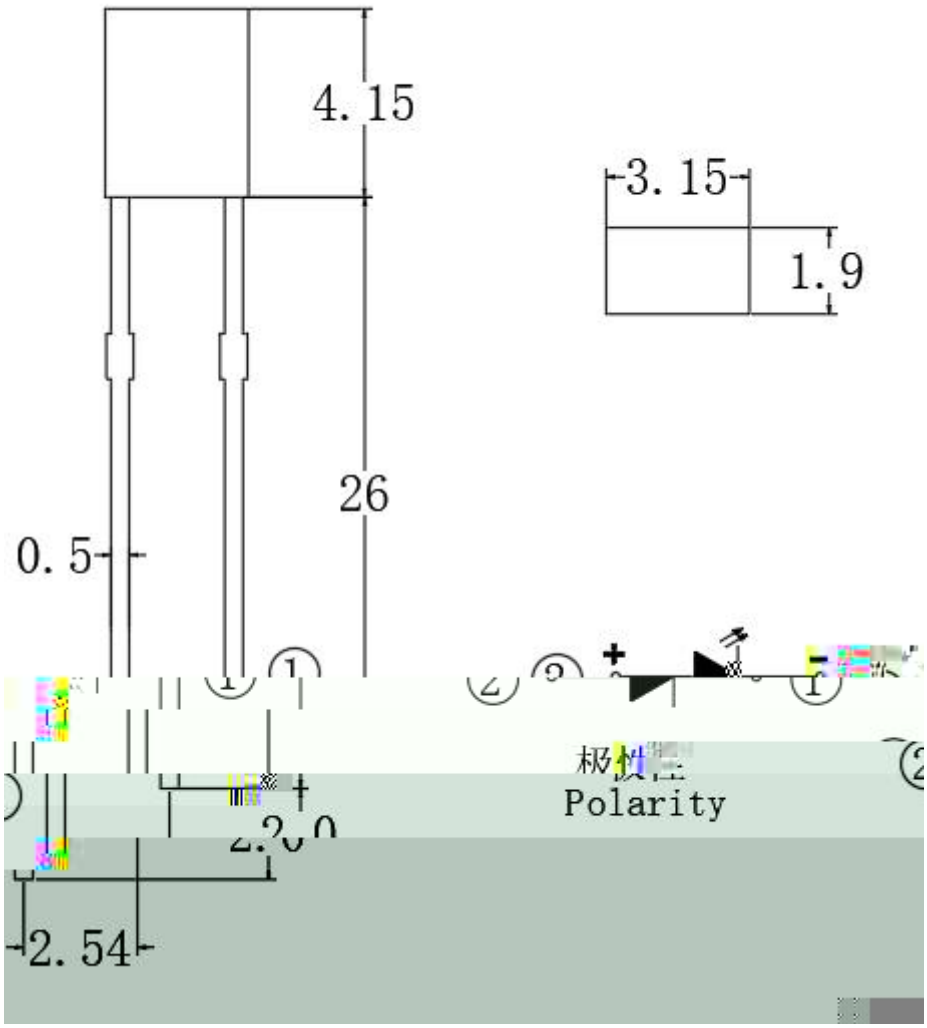
25±5 /Note If not otherwise indicated the test environment temp erature is 25±5

可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Failqty
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 -40 ±5 30mins 5mins 30mins	100 Circles	22 PCS	0/1
	Hot and cold impact	105 ±5 -45 ±5 5mins 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.

包装

使用注意事項（ ）

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 high reliability requirements, such as air transportation, traffic control and medical liao equipment, must refer to the information provided by sales.

使用注意事项（ ）

5. [redacted]

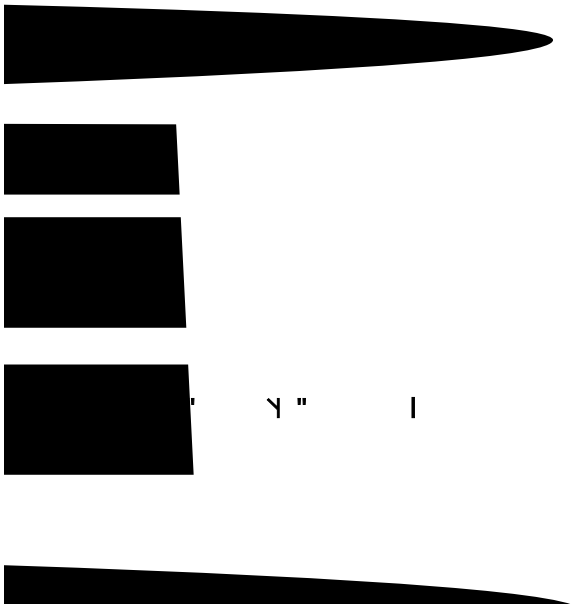
2mm LED

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.



使用注意事项（ ）

8、其他事项：

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*When handling the product, touching the [redacted] W