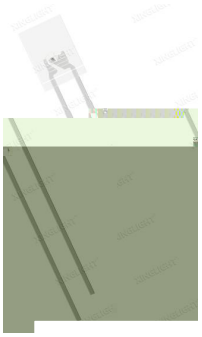
XL-257UGC-L 257 技术数据表

特点（ ）：



* :5.0*2.0*7.0*28mm
Appearance dimension: 5.0*2.0*7.0*28mm
* : /
Luminous color and colloid: green brightness White /water 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

应用领域（ ）：

* ;
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
Op			

亮度分档

：

代码	最小值	最大值	单位	测试条件
A8	900	1200	mcd	IF=20mA
A9	1200	1500		
B1	1500	1800		

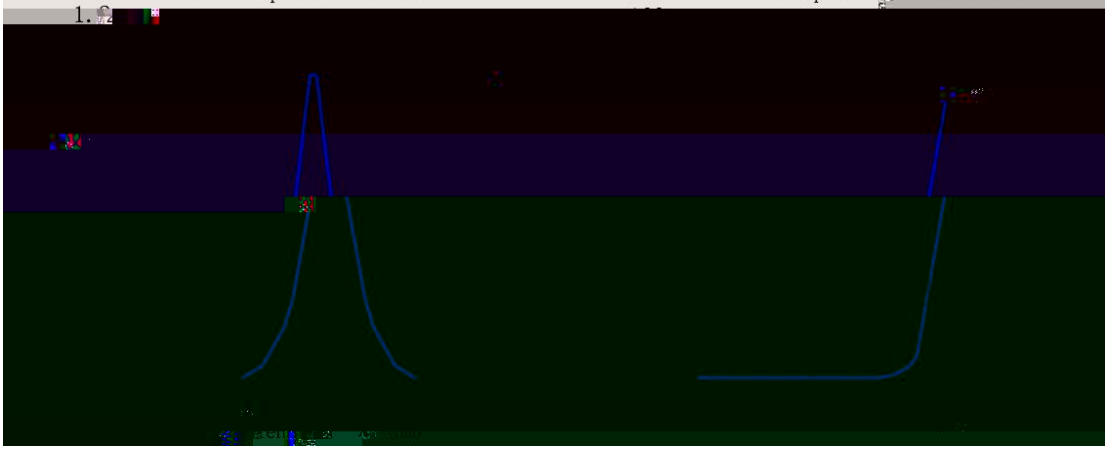
电压分档

：

波长分档

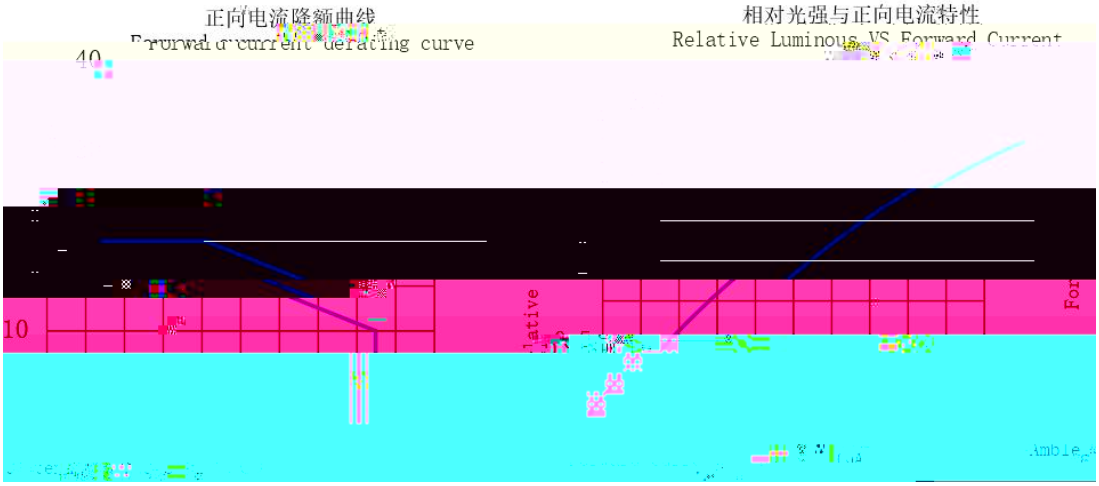
典型特性曲线

光谱分布曲线
Relative Spectral Distribution



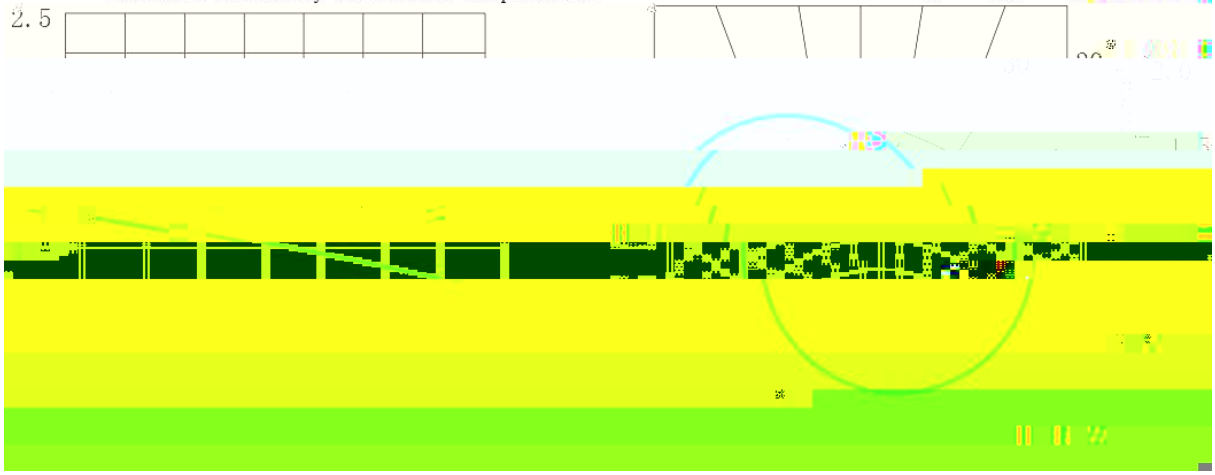
伏安特性
Volt ampere characteristic

正向电流降额曲线
Forward current derating curve

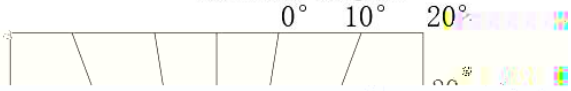


相对光强与正向电流特性
Relative Luminous VS Forward Current

光强与环境温度曲线
Luminous Intensity VS Ambient Temperature



相对辐射强度与空间角度关系
Radiation diagram



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 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.

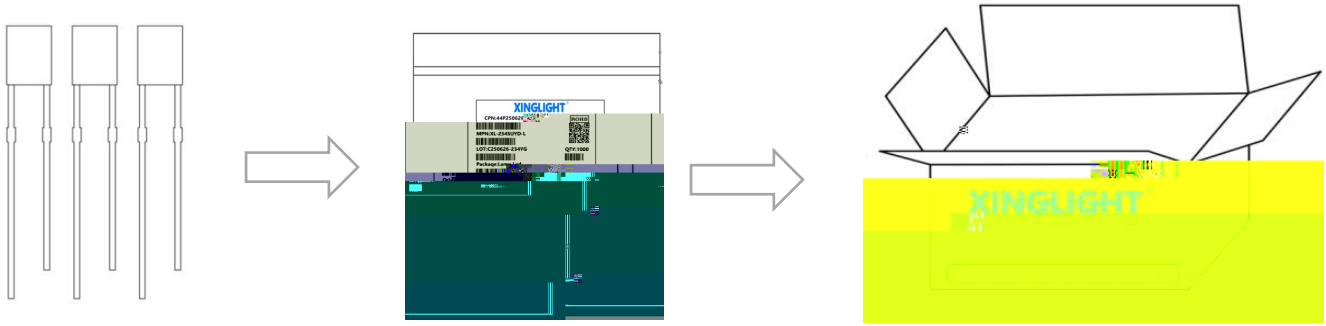
2. ± 0.50mm .

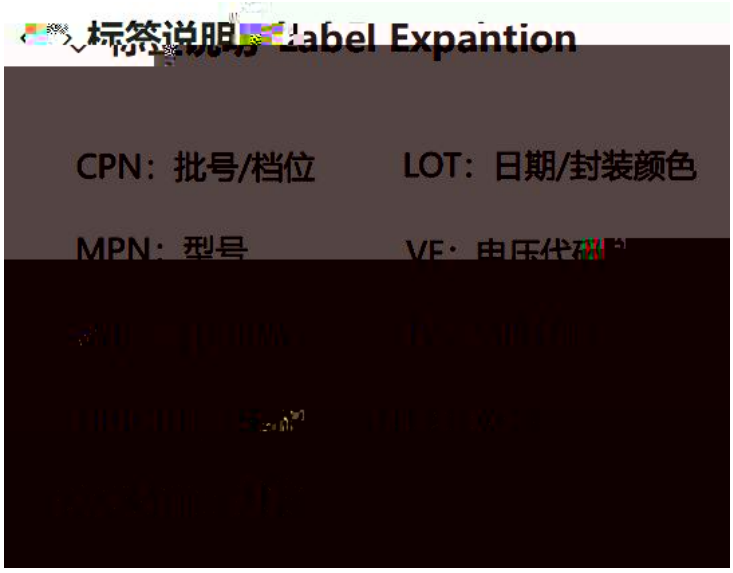
TolerancÒM W@Fbi þè

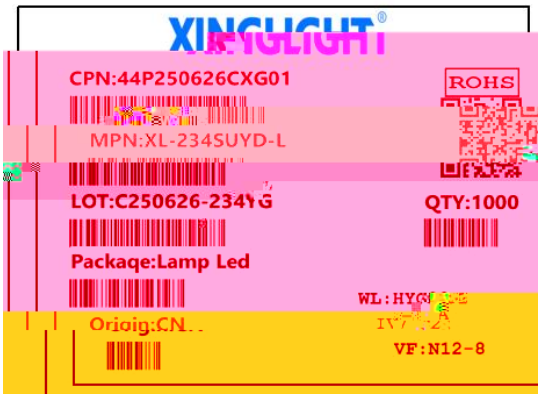
包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag







使用注意事项（1）

1.

LED FJ 6 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.

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使用注意事项（2）

Precautions (2)