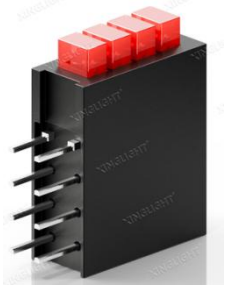
XL-DZ234SURD/4 技术数据表

234 红发红四孔灯座



特点（ ）：

:12*5.2*14.2mm

Appearance dimension : 12*5.2*14.2mm

: /

Luminous color and colloid: Red Light /Red colloid

ROHS

Environmental protection products meet ROHS requirements

* MSL :2

Moisture sensitivity level MSL : 2 levels

* EIA

EIA standard packaging

*

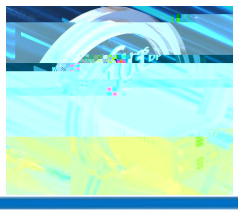
Long operating life

*

Reduced maintenance costs

High energy efficiency, fast startup

应用领域（product application）



目录

Catalogue

Max Power Dissipation	PD	200	mW
Max Continuous Forward Current	IF	20*4=80	mA
Peak Forward Current	IFP	20*4=320	mA
Max Reverse Voltage	VR	5	V
Antistatic ability	ESD	2000	V
Operating Temperature Range	TOPR	-40 ~ +85	
Storage Temperature Range	TSTR	-40 ~ +85	
/ (Lead Soldering Temperature/Time)	TSOL	260 ≤5S	

	Δλ					

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		
A4	300	400		
A5	400	500		

±10% error±10%

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		

电压误差±0.1V error±0.1V

波长分档

：

代码	最小值	最大值	单位	测试条件
HR01	615	620	nm	IF=20mA
HR02	620	625		
HR03	625	630		
HR04	630	635		

±1nm error± 1nm

可靠性试验

Reliability Test Item's And Conditions

J Class	Test item	Testing environment	Testing time	[redacted]	Fail qty

[redacted]

[redacted]

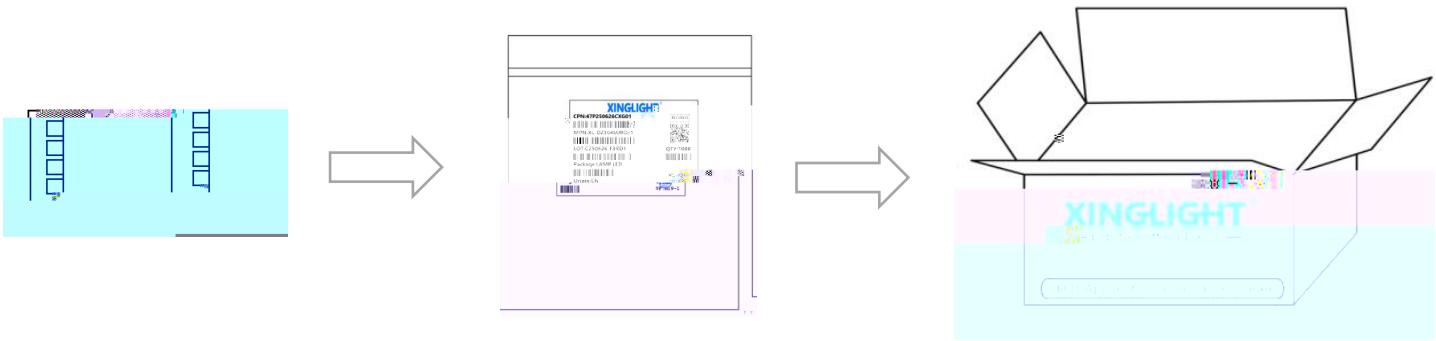
[redacted]

[redacted]

包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag



使用注意事项（1）

1、贮存.

Storage environment of LED with temperature not exceeding 30 and relative humidity not exceeding 70%.It is recommended that LDE be used in the original box for no more than three months. If longer storage time is required, put it in the drying box and add desiccant or filled with nitrogen.

2、静电：

Static electricity or surge voltage damages the LEDs. Damaged LEDs will show some unusual characteristic such as the forward voltage becomes lower, or the LEDs do not light at the low current. even not light.
All devices, equipment and machinery must be properly grounded. At the same time, it is recommended that wrist bands or anti-electrostatic gloves, anti-electrostatic containers be used when dealing with the LEDs.Using ordinary plastic products are strictly prohibited.It is recommended to use ion fans to suppress the static electricity generation during the operation.The static field voltage is less than 100V within the ambient range of 1 foot distance from the LED element.

使用注意事项(2)

Precautions (2)

、设计建议

LED

A LED B

LED V_F LED

In designing a circuit, the current through each LED must not exceed the absolute maximum rating specified for each LED. In the meanwhile, resistors for protection should be applied, otherwise slight voltage shift will cause big current change, burn out may happen.

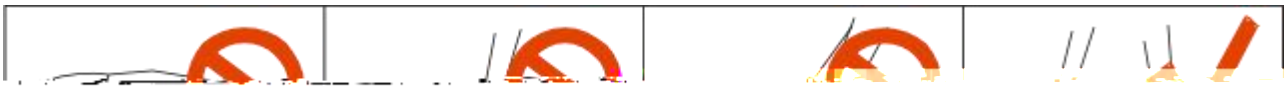
It is recommended to use Circuit A which regulates the current e D

使用注意事项（3）

Precautions (3)

4、其他事项：

When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect on its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due to die breakage or wire deformation. For this reason, please do not put excessive stress on LEDs, especially when the LEDs are heated such as during Reflow Soldering.



LED