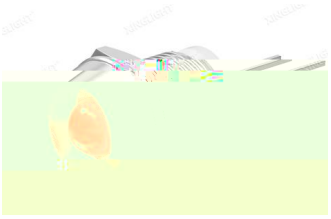
XL-DZT502SURD1 **技术数据表 Technical Data Sheet**

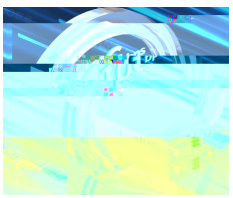


特点（characteristic）：

* : F5/11.3*15.0*10.3mm
Appearance dimension: F5/11.3*15.0*10.3mm
* : /
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

应用领域（product application）

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



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电性参数

Electrical Characteristics

Absolute Maximum Ratings Ta=25

Parameter	Symbol	Rating	Unit
Consumed power	Pd	50	mW
		20	mA
Peak Forward Current	IFp	80	mA
Operating ambient temperature	Topr	-40 C ~ +85 C	
Storage ambient temperature	Tstg	-40 C ~ +85 C	
Welding conditions	Tsol	reflow soldering 240°C 6s manual welding 300°C 3s 3.5mm	

Initial Electrical Optical Characteristics Ta=25

i

亮度分档:
Brightness grading:

代码 Code	最小值 Min	最大值 Max	单位 Unit	测试条件 Test conditions
A4	300	400	mcd	IF=20mA
A5	400	500		
A6	500	700		
A7	700	900		

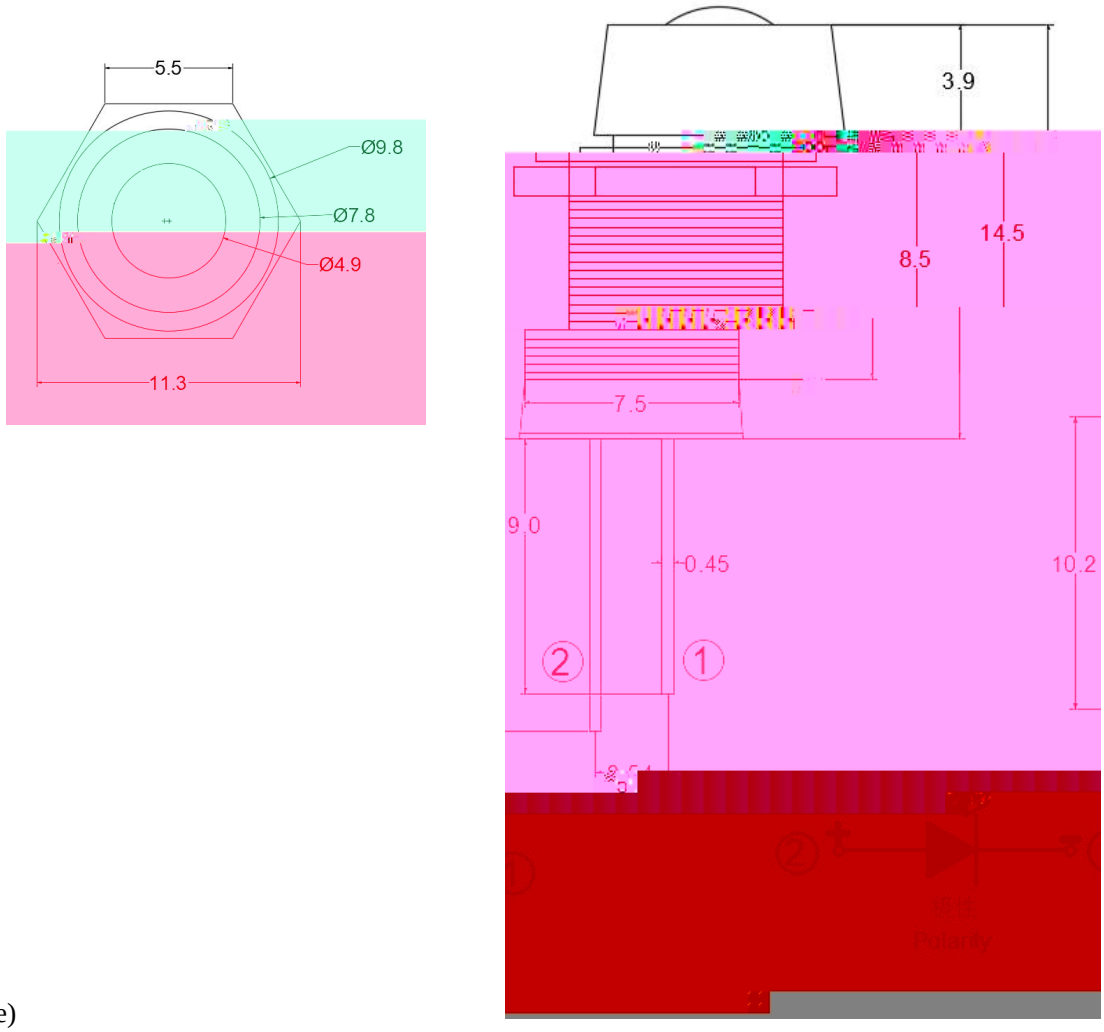
电压分档:
Voltage grading:

代码 Code	最小值 Min	最大值 Max	单位 Unit	测试条件 Test conditions
N12-7	1.8	2.0	V	

波长分档:
Wave Length grading

外形尺寸

Outline Dimension

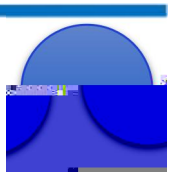


(Note)

Dimensions are in millimeters.

Tolerances unless mentioned are ± 0.25mm.

± 0.25



使用注意事项（ ）

Precautions (1)

1. **APPLY**

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.

2. Keep in storage

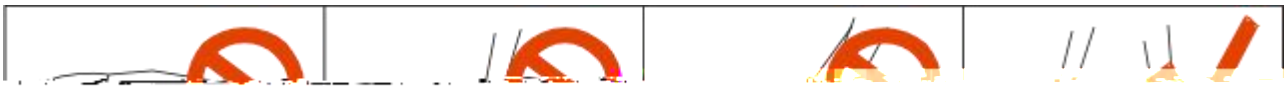
5. Weld

使用注意事项（ ）

8、其他事项：

Others

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

The epoxy resin of encapsulant is fragile, so please avoid scratch or friction over the epoxy resin surface. While handling the product with tweezers, do not hold by the epoxy resin, be careful.