XINGLIGHT®

Part No.:

XL-DZ504SURD/2

F5MM

特点（ ）：

* :12.5*6.2*10.8mm

Appearance dimension :12.5*6.2*10.8 mm

* : /

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）

*

Internet of Things

*

medical treatment

*

converter

*

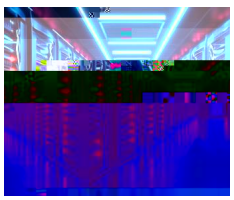
Storage servers and communication

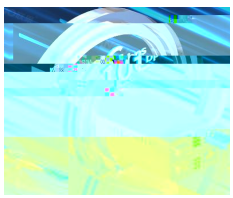
*

Status indicator

*

Electronic testing instruments





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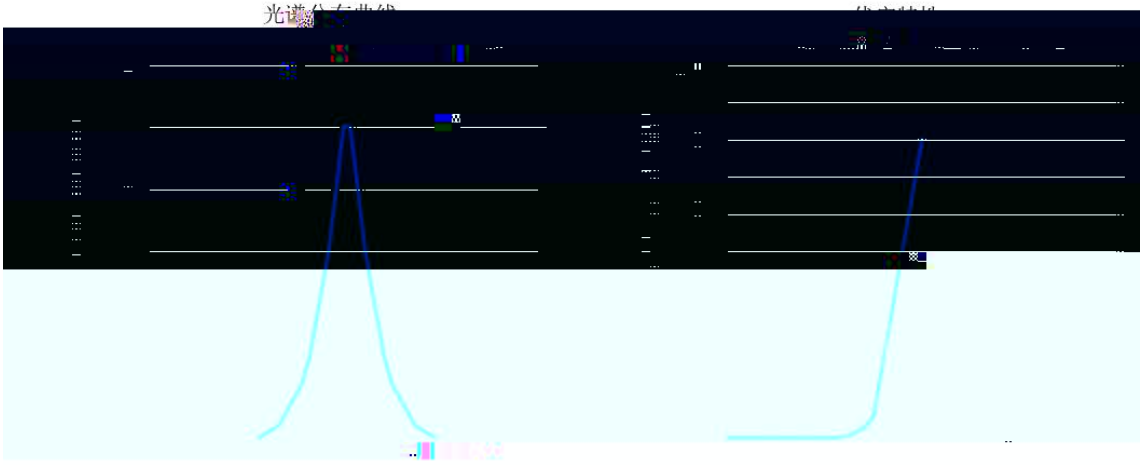
Catalogue

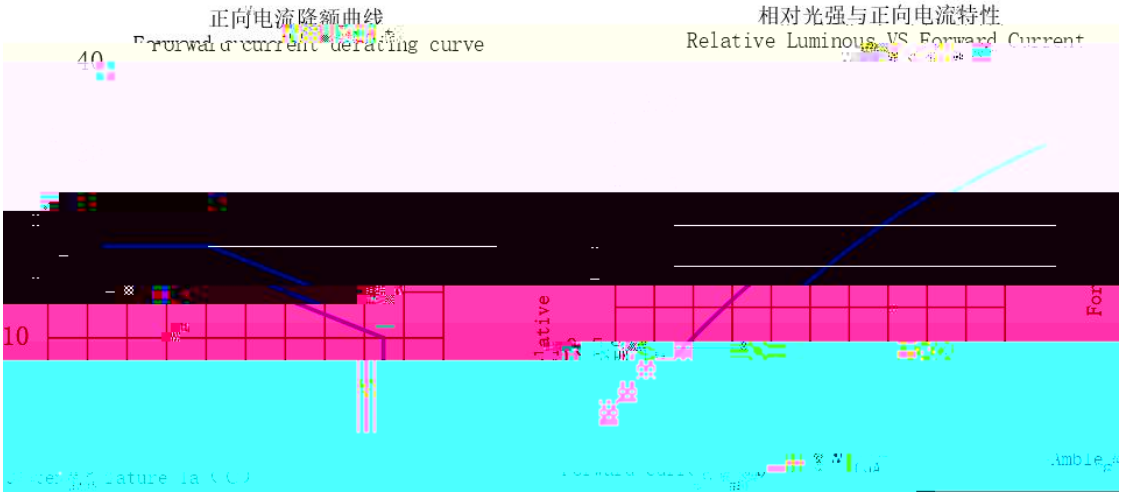
电性参数

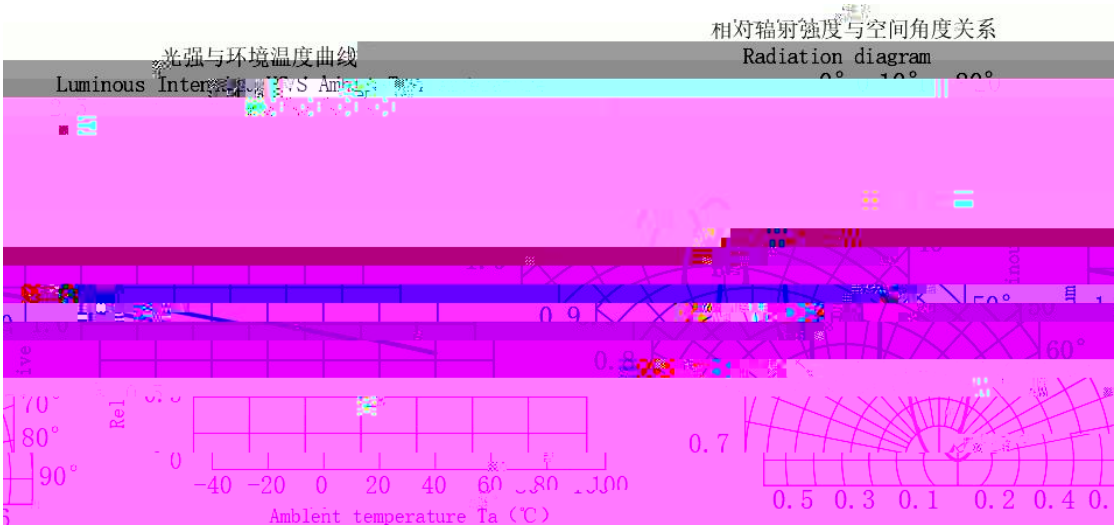
Parameter	Symbol	Value	Unit
Max Power Dissipation	PD	100	mW
Max Continuous Forward Current	IF	20*2=40	mA
Peak Forward Current	IFP	80*20=160	mA
Max Reverse Voltage	VR	5	V
Antistatic ability	ESD	2000	V
Operating Temperature Range	TOPR	-40 ~ +85	
Storage Temperature Range	TSTR	-40 ~ +85	
/ Lead Soldering Temperature/Time	TSOL	260 Ò6S	/S

Luminous Intensity	Iv	300	/	1200	mcd	IF=20mA
Dominant Wave Length	∂d	615	/	635	nm	IF=20mA

典型特性曲线

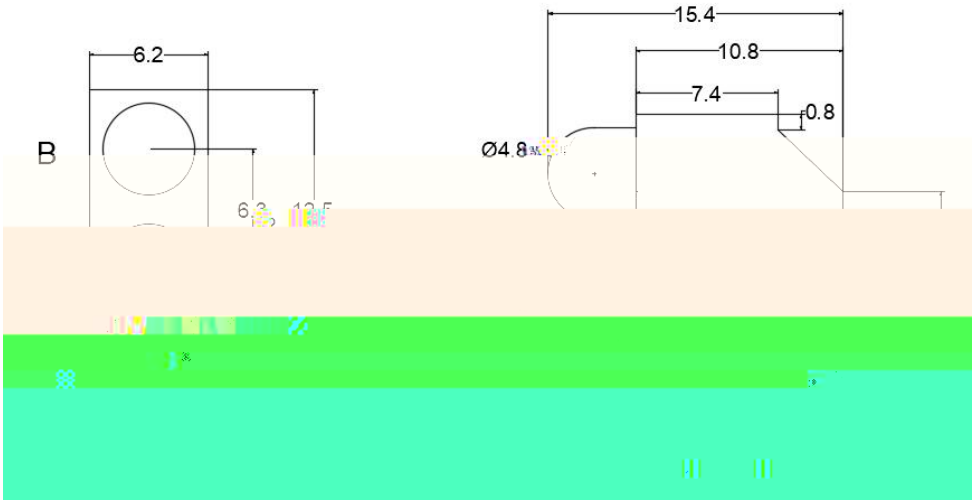






: 25 + 5 C./Note: If not otherwise indicated, the test environment temperature is 25 + 5 C.

外形尺寸



(Note)

1.

Dimensions are in millimeters.

2. Ñ 0.25mm .

Tolerances unless mentioned are Ñ 0.25mm.

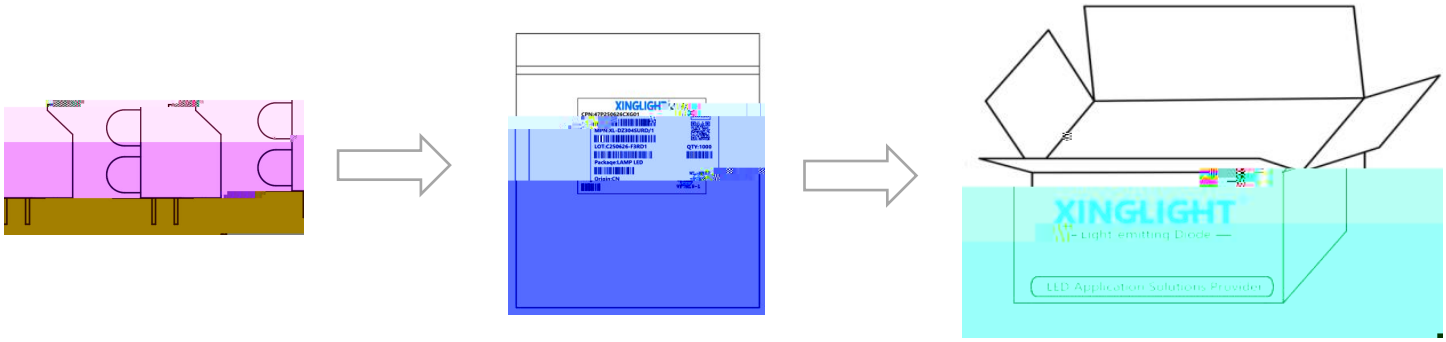
包装

*

In Bags

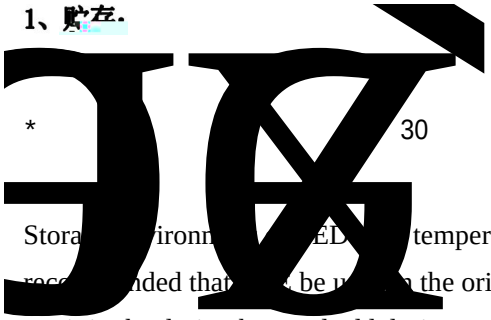
*

Moisture Proof and Anti-Electrostatic Foil Bag



使用注意事项（ ）

1、贮存：



* 30 70% LED

Storage environment for LED: temperature not exceeding 30 and relative humidity not exceeding 70%.It is recommended that LEDs be used within 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：

*

LED 1 100V

* 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. evening 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 electpit y t an

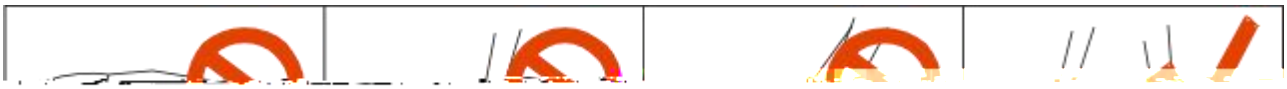
Part

使用注意事项（ ）

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

*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.

5、眼睛保护忠告：

*LED LED

*Viewing direct to the light emitting center of the LEDs, especially those of great Luminous Intensity, will cause great hazard to human eyes. Please be careful.

If there are any modifications to the specification sheet, no further notice will be given