XL-D7676SURC

技术数据表

特点（ ）：

* : 7.6*7.6*2.5mm
Appearance dimension: 7.6*7.6*2.5mm
* : /
Luminous color and colloid: Red brightness White /transparent 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（ ）：

*

Field of outdoor signage and lighting:Widely used in scenarios such as advertising light box back lights, large-character illuminated modules, urban building outline lighting, and outdoor display screens.It also serves as a common light source for traffic signals, with its wide illumination angle ensuring visibility in multiple directions.
*

Industry and Public Facilities Sector:It can serve as a status indicator light for industrial equipment and an emergency lighting source, and is also widely used in commercial lighting applications and indoor cultivation lighting scenarios.
*
The fields of industrial and consumer electronics as well as home appliances In household appliances, it is commonly used as decorative light strips or indicator lights for device operation status.
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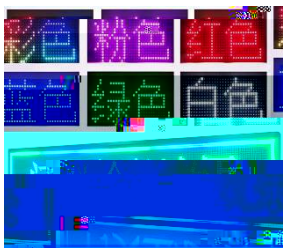
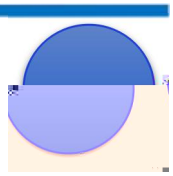
In the automotive lighting sector, it serves as the primary application, suitable for use in brake lights, turn signals, reversing lights, instrument panel back lighting, and other critical locations.



目录

Catalogue



电性参数

Parameter	Symbol	Rating	Unit
Consumed power	Pd	200	mW
Max Continuous Forward Current	IF	60	mA
Peak Forward Current	IFp	240	mA
Operating ambient temperature	Topr	-20 C ~ +85 C	
Storage ambient tem			

亮度分档

：

代码	最小值	最大值	单位	测试条件
F7	2000	2200	mcd	IF=60mA
F8	2200	2400		
F9	2400	2600		
G1	2600	2900		
G2	2900	3200		

电压分档

：

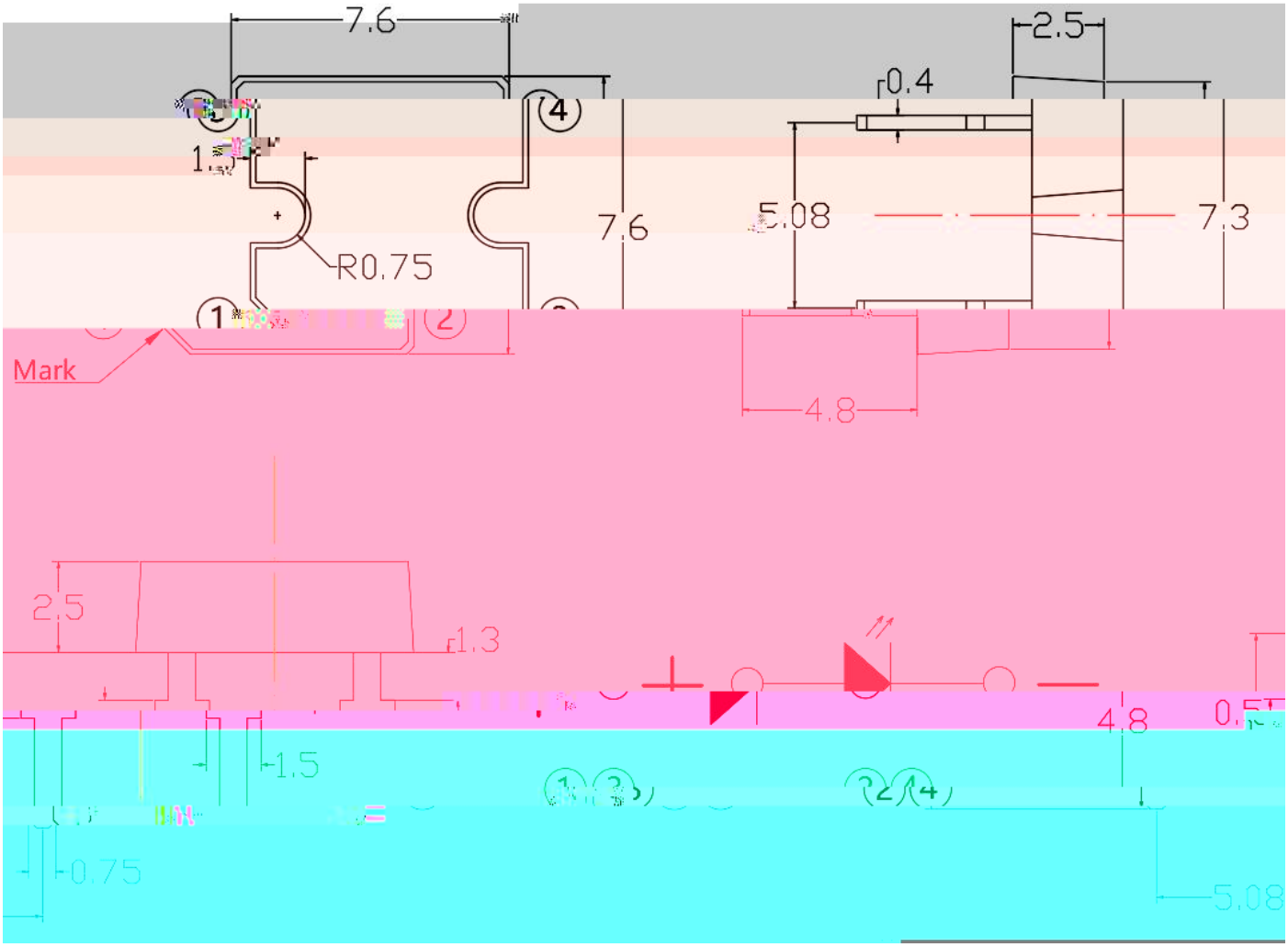
代码	最小值	最大值	单位	测试条件
N12-7	1.8	2.0	V	IF=60mA
N12-8	2.0	2.2		
N12-9	2.2	2.4		

波长分档

代码	最小值	最大值	单位	测试条件
HR01	615	620	nm	IF=60mA
HR02	620	625		
HR03	625	630		
HR04	630	635		

Class		Testing environment	Testing time	Qty	Fail qty
Endurance test	Working life	Ta=25 ±5 ,IF=20mA	1000hrs	22 PCS	0/1
	High teyeratu5 l r				

外形尺寸



(Note)

1.

Dimensions are in millimeters.

2. ± 0.50mm .

Tolerances unless mentioned are ± 0.50mm.

包装

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In Bags

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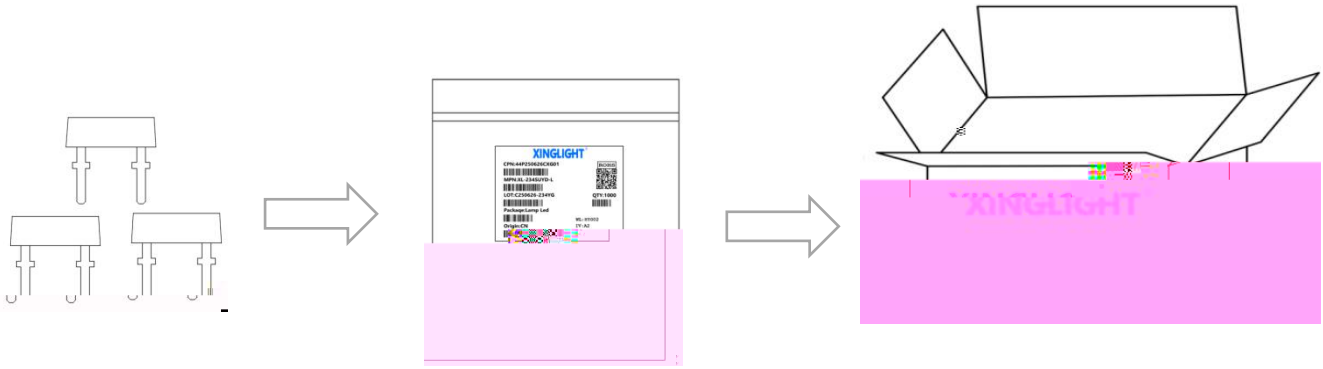
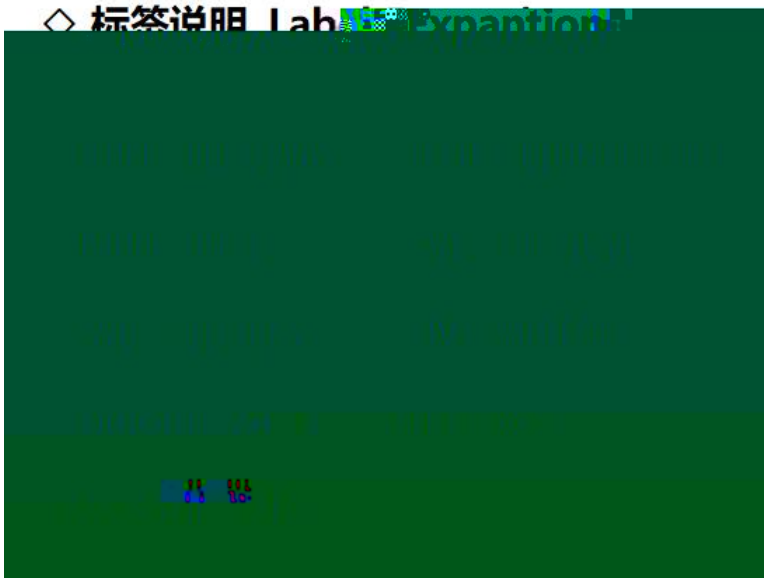
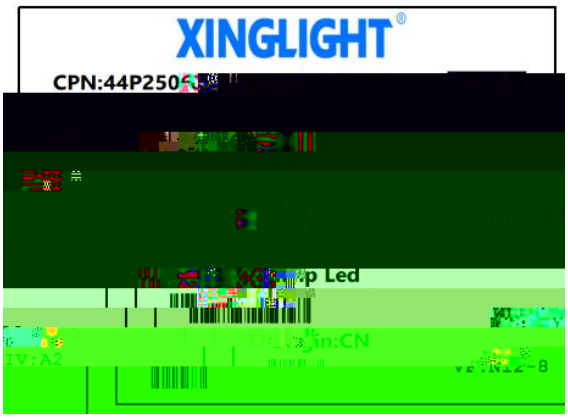
Moisture Proof and Anti-Electrostatic Foil Bag







使用注意事项（ ）

1.
LED [redacted] ♂ ∧0 [redacted]

[redacted])