XL-3528SYGC

技术数据表 Technical Data Sheet

3528 普绿色

特点（Characteristics）：

应用领域（Product application）：

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可靠性试验

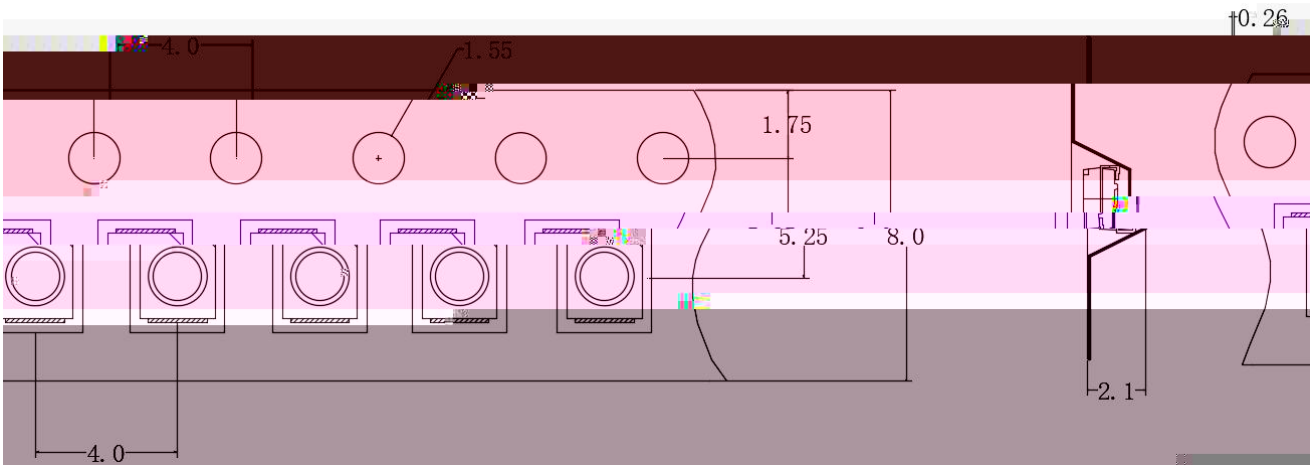
Reliability Test Items And Conditions

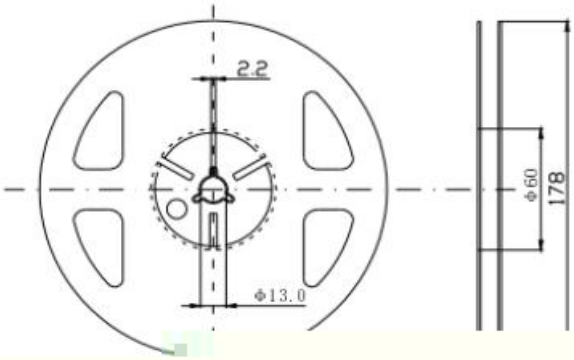
Class	item	Testing environment	Testing time	Reference standard
	Working life	20mA Continuous lighting at the maximum rated current room	1000 hours	MIL-STD-750D:1026 MIL-STD-883D:1005 JIS C 7021:B-1
Endurance test	High temperature storage and high humidity storage	Infrared Reflow In- ard, 2 es Ta		

包装（1）

Packaging (1)

Belt and disk dimensions





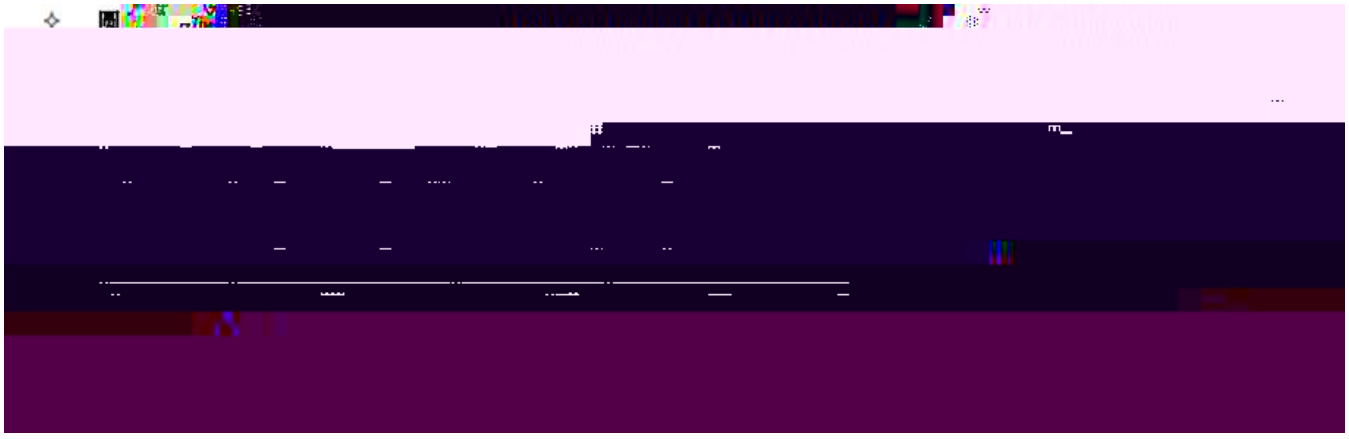
:

1. (mm)

1. Size unit is mm (mm).

2. ±0.1mm

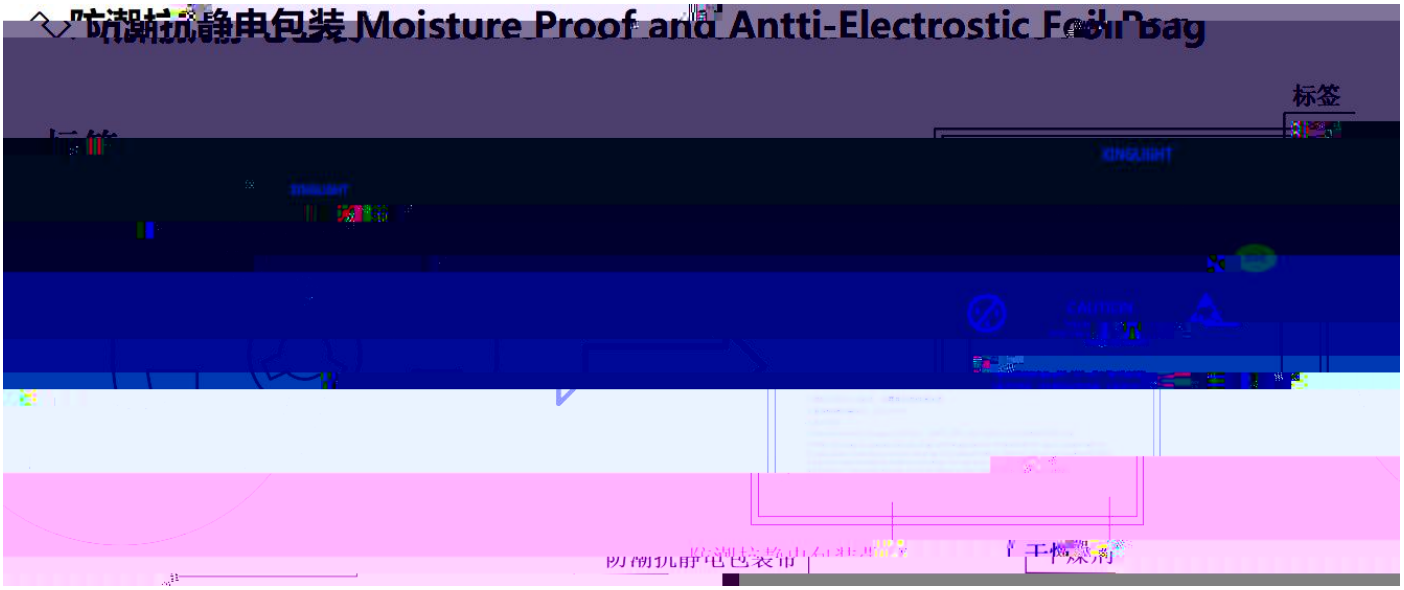
2. The dimensional tolerance is ± 0.1mm.



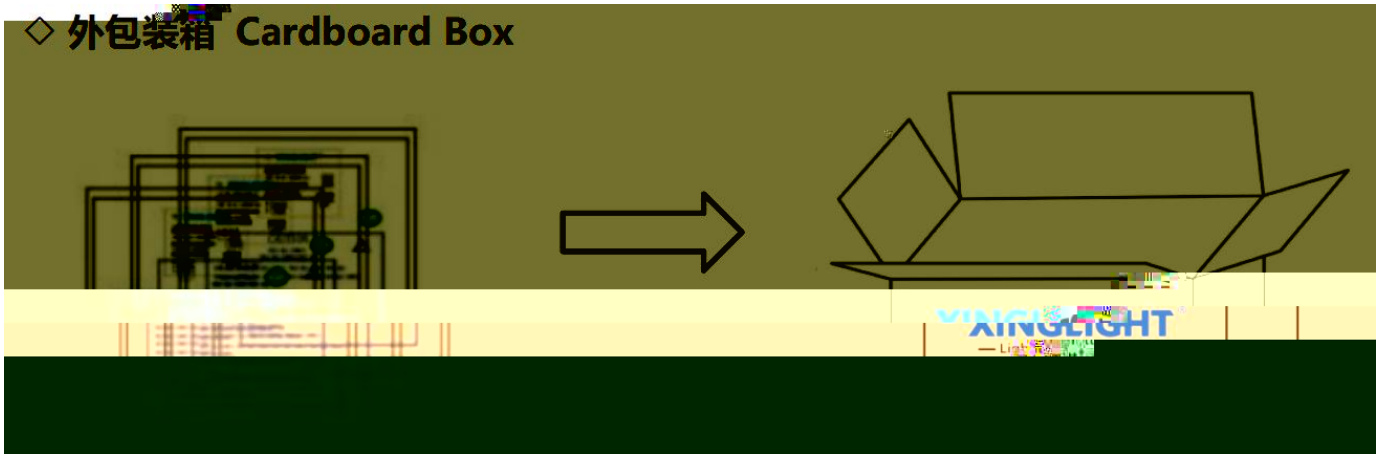
包装（2）

Packaging (2)

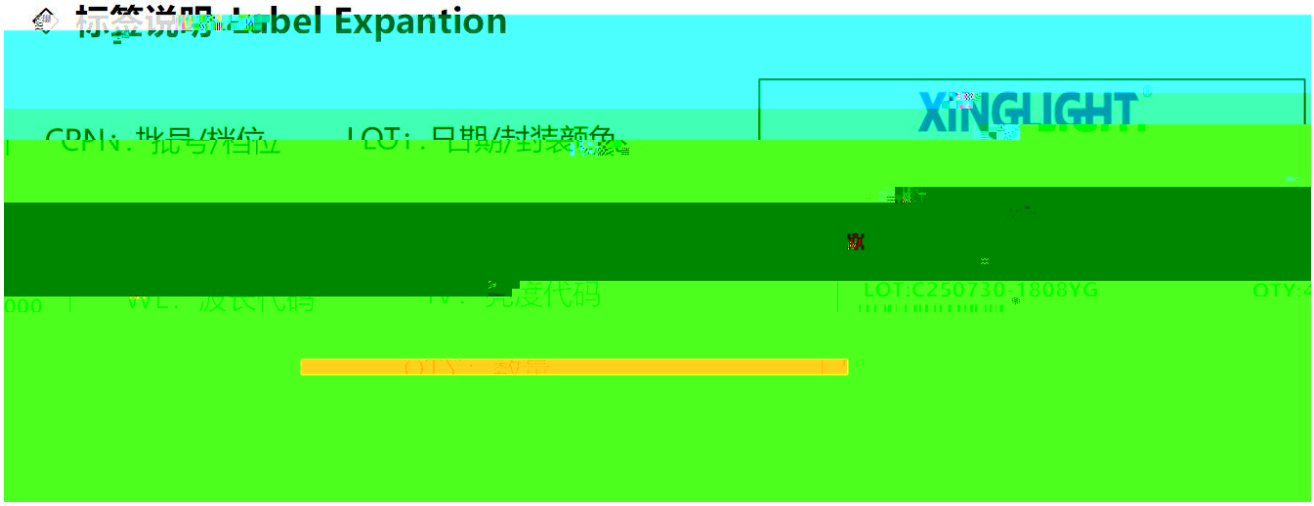
◇ 防潮抗静电包装 Moisture Proof and Antti-Electrostic Foil Bag



◇ 外包装箱 Cardboard Box



◇ 标签说明 Label Expantion



使用注意事项（2）

Precautions (2)

3. 设计建议

Design Consideration

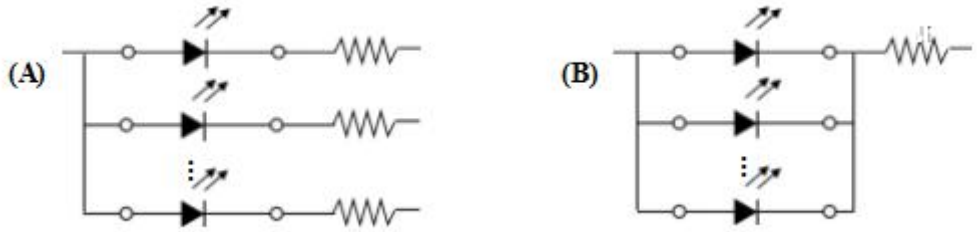
LED

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 flowing through each LED rather than Circuit B. When driving LEDs with a constant voltage in Circuit B, the current through the LEDs may vary due to the variation in Forward Voltage (V_F) of the LEDs. In the worst case, some LED may be subjected to stresses in excess of the Absolute Maximum Rating.



LED LED

Thermal Design is paramount importance because heat generation may result in the Characteristics decline, such as brightness decreased, Color changed and so on. Please consider the heat generation of the LEDs when making the system design.

使用注意事项（3）

Precautions (3)