Environmentally friendly photosensitive sensor

Product specifications

Customer	
Date	
Model	LLS05-A F5
Product number	

Make	
Approval	
Customer Signatures	

森霸传感科技股份有限公司

Sales center

5109 T3 32

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Product function

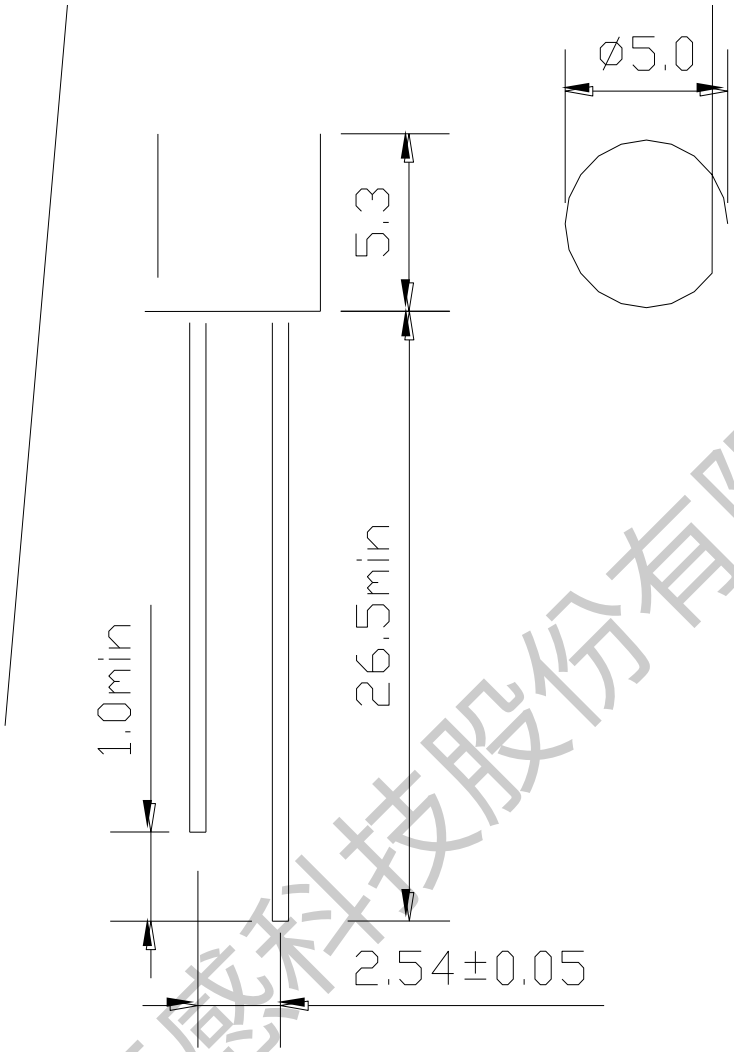
1. (CdS) ROHS
Replace Photoresistors(Cds),RoHS Compliance/Pb-free/Cd-free.
2. LCD
adjust background light automatically,LCD,mobile phone,camera,Computer Camera etc.
3.
Suitable for all kinds of light control products and light control toys,such as night lamp etc.
4.
Applicable to all kinds of infrared monitoring products

Product Features

1. 520nm
Peak sensitive wavelength 520nm
2.
Low Power Consumption
3.
High reliability
4.
Perfect consistency, completely solve the problems of early start or poor consistency of the lamp.
5. +85 /65% 1000H
Fast response, stable performance, no drift at 1000h starting point under + 85 / 65% humidity condition
6.
Size customized, easy for Installation.

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Product Dimensions

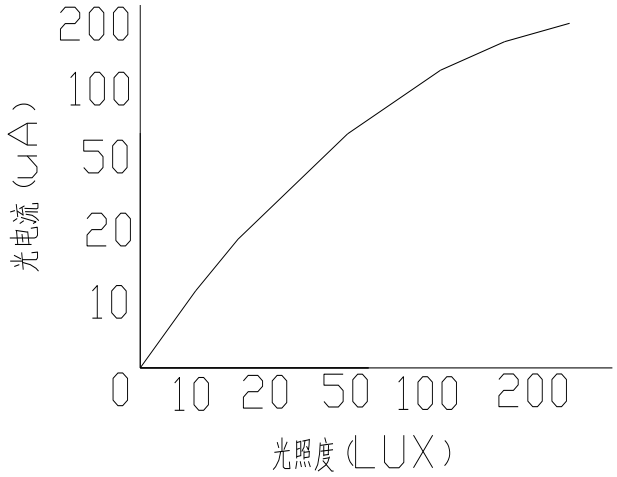


Note

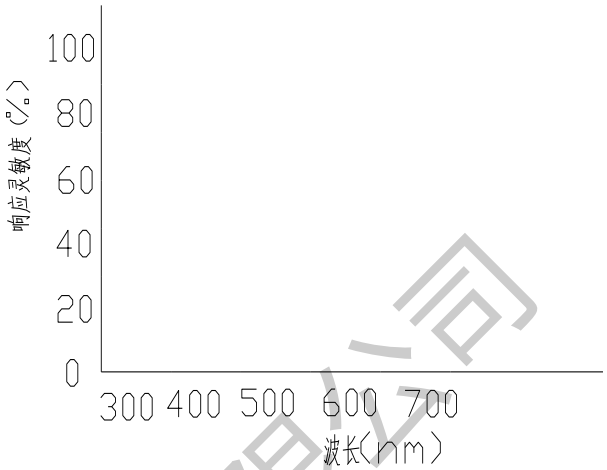
1. **Long pin- Collector Short pin- Emitter**
2. mm , ±0.15mm
   Unit: mm± 0.15mm
3. **The appearance color of colloid shall be subject to the sample**
4. **1.0mm**
   Protruded resin under the base is 1.0mm maxium.

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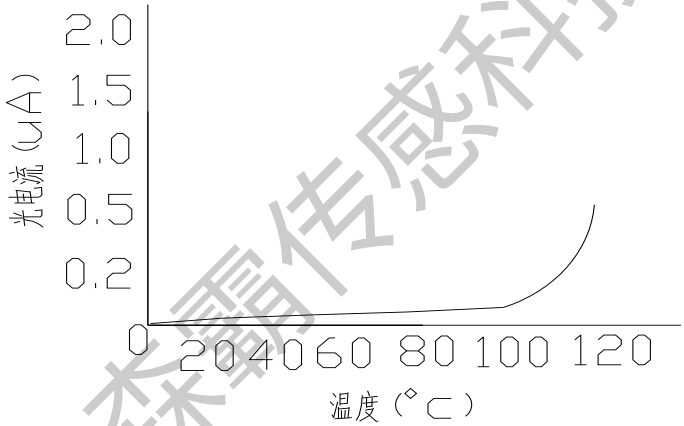
Typical photoelectric characteristics curves



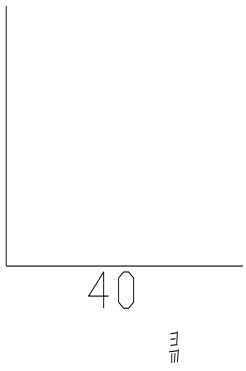
Change of illuminance and photocurrent



Photowavelength map



Temperature and photocurrent diagram



Temperature and dark current diagram

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Recommended Soldering Conditions

Mode	Condition

Precautions

1. 0 +30°C 70% 3
3

The storage conditions of the product after leaving the factory shall be 0 to + 30 ° C, the relative humidity shall not be more than 70%, and the storage period shall be 3 months. If the storage period is more than 3 months, the product shall be placed in a closed container with nitrogen or desiccant, and the storage period may be up to one year

2. 0 +30°C

Once the package is opened, the products should be used up as soon as possible . If it is not used up,It should be sealed immediately. The storage condition is 0 +30°C, and the relative humidity 60%. It should be used up within one week

3.

The product support is silvered on the surface of ferroalloy. The silver surface will be affected by corrosive gas and other environment. It should be avoided to make the product in acorrosive or tarnished environment, which will affact the welding perfomance.

4.

1

It is recommended to use alcohol as cleaning agent when cleaning products. If other cleaning agents are used, it is necessary to confirm whether the cleaning agent will corrode the epoxy gel. In any case, the cleaning shall be completed within 1 minute

5.

This product is an electrostatic sensitive device. All static electricity and surge will damage the product. It is required to wear anti-static wrist strap when operating. All devices, equipments, machines, tables and ground must be anti-static grounded

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