# Environmentally friendly photosensitive sensor

## Product specifications

| | |
|---|---|
| Customer | |
| Date | |
| Model | LLS05-H ML |
| Product number | |

| | |
|---|---|
| Make | |
| Approval | |
| Customer Signatures | |

森霸传感科技股份有限公司

**Sales center**

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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

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**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

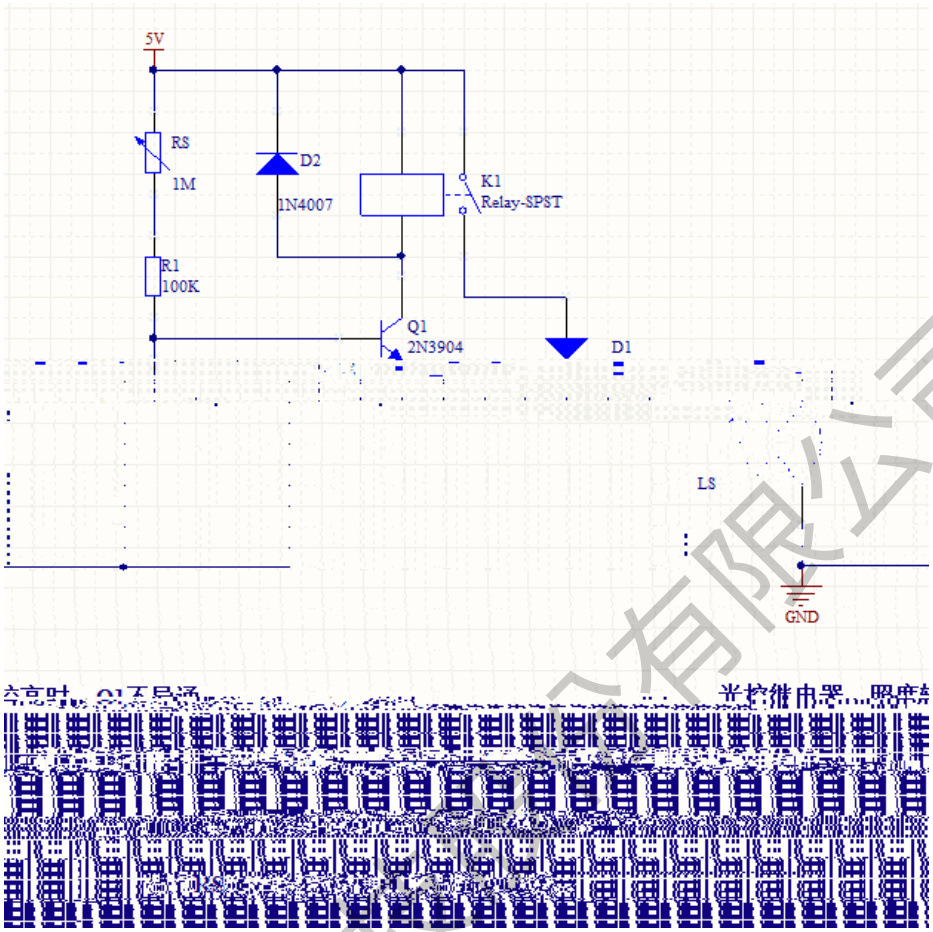


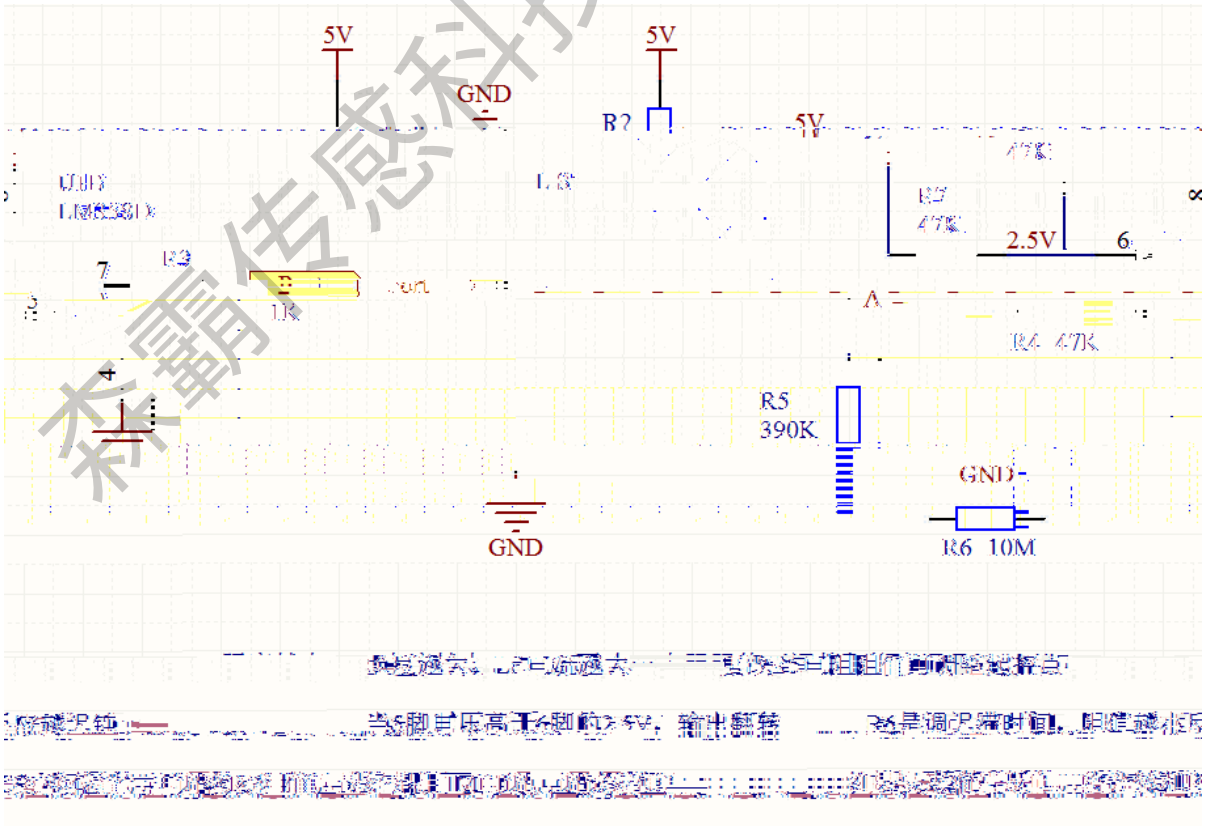
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## ■ Ta=25 MAXIMUM RATING (TA = 25 ° C)

| Parameter name | Symbol | Rating | Unit |
|---|---|---|---|

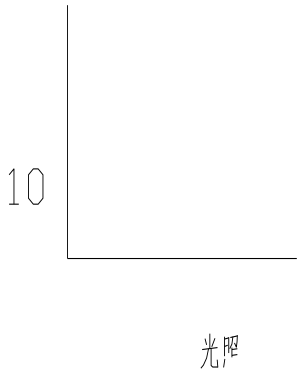
## ■ Reference circuit



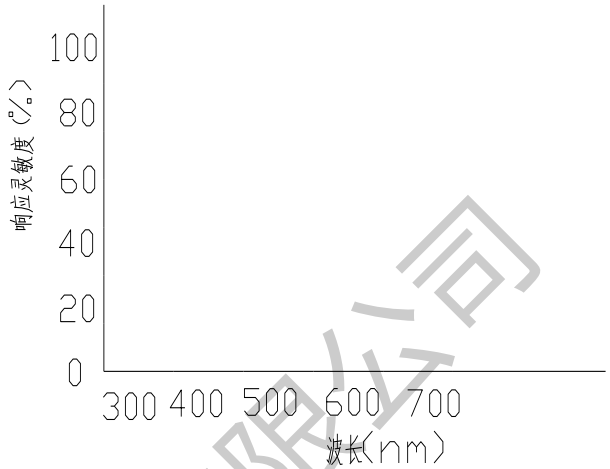




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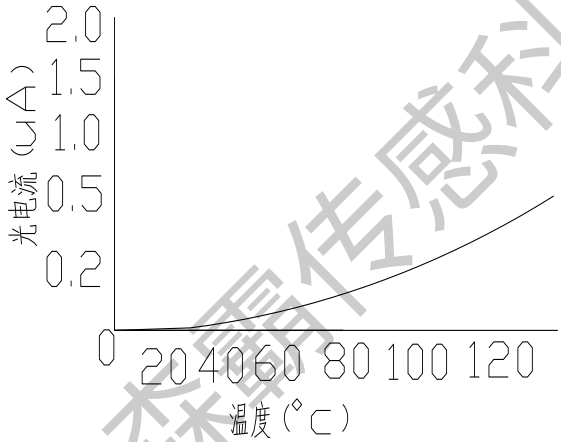
## ■ Typical photoelectric characteristics curves



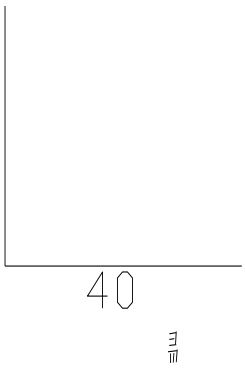

Change of illuminance and photocurrent




Photowavelength map




Temperature and photocurrent diagram




Temperature and dark current diagram

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■ **Recommended Soldering Conditions**

| Mode | | Condition |
|---|---|---|
| Manually Soldering | Soldering Iron Temperature | 340 0 Max340 (power:60Wmax) |
| | Soldering Time | 3 |
| | Soldering Position | 1.5mm 1.5 |

## ■ 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.**