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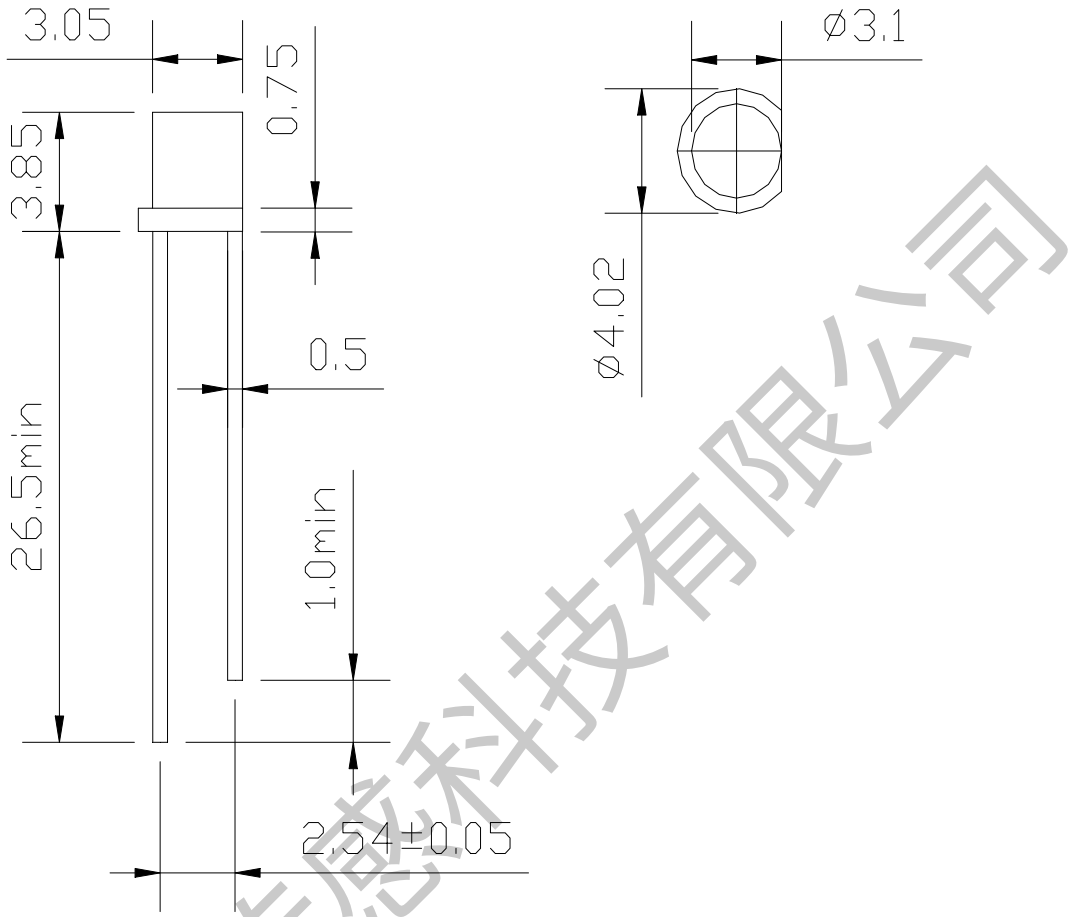
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1. (CdS) ROHS
Replace Photoresistors(Cds),RoHS Compliance/Pb-free/Cd-free.
2. LCD
adjust background light automatically,LCD,mobile phone,camera,Computer Camera etc.
3. 2 2 2 2
Suitable for various kinds of light control products and light control tom

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mm , Ñ0.15mm

2. 乙

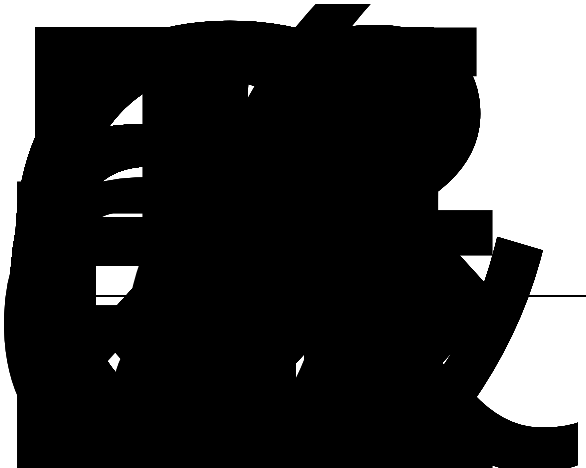
森霸传感科技有限公司

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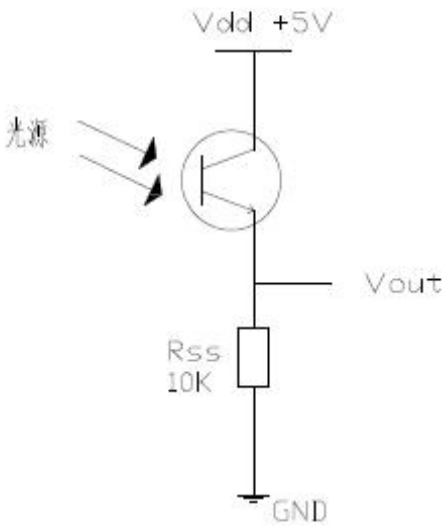
| O Parameter name | ~ Symbol | Rating | Unit |
|---|---|---|---|
| - Collector-Emitter Voltage | $V_{CEO}$ | 2-20 | V |
| - Emitter-Collector Voltage | $V_{ECO}$ | 5 | V |
| Consumption | Pc | 70 | mW |
| Working temperature | $T_{opr}$ | -25 85 | ÁC |
| Storage temperature | $T_{stg}$ | -40 100 | ÁC |

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| O Parameter | ~ Symbol | Testing conditions | Min. | ææ Typical Value | Max. | Units |
|---|---|---|---|---|---|---|
| Photo-&urrent | $I_L(1)$ | $V_{DD}$=5V, $E_V$=10Lux | 18 | 25 | 30 | ÕA |
| | $I_L(2)$ | $V_{DD}$=5V, $E_V$=50Lux | | 75 | | ÕA |
| | $I_L(3)$ | $V_{DD}$=5V, $E_V$=100Lux | | 250 | | ÕA |
| Dark urrent & | ICEO | VDD=5V,Ev=0Lux | | | 0.2 | ÕA |
| Photosensitive peak wavelength | ap | \ | | 850 | | nm |
| Sensitivity wavelength range | ad | \ | 450 | 1050 | | nm |



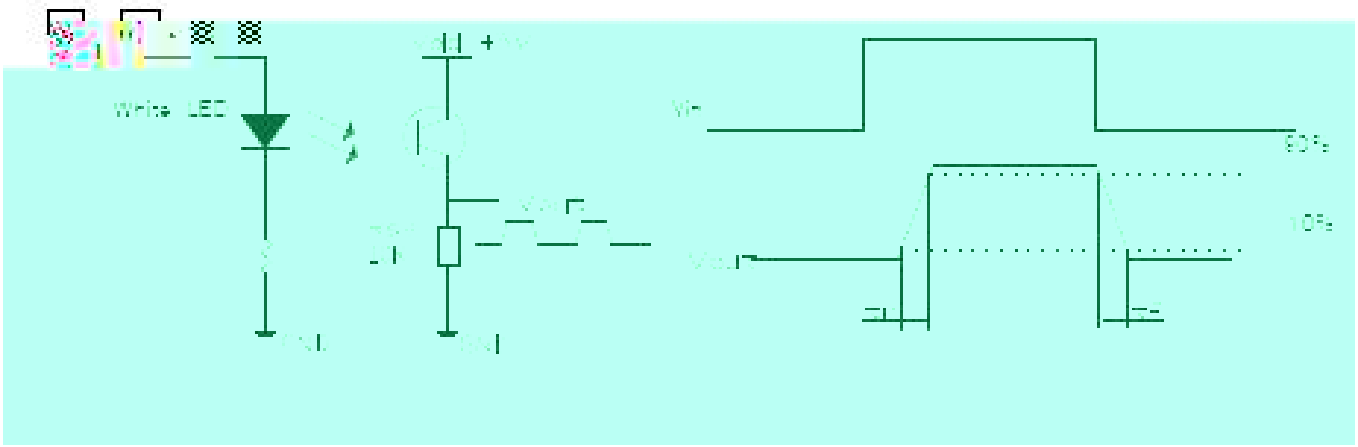
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Photocurrent =$V_{out}$/ $R_{SS}$

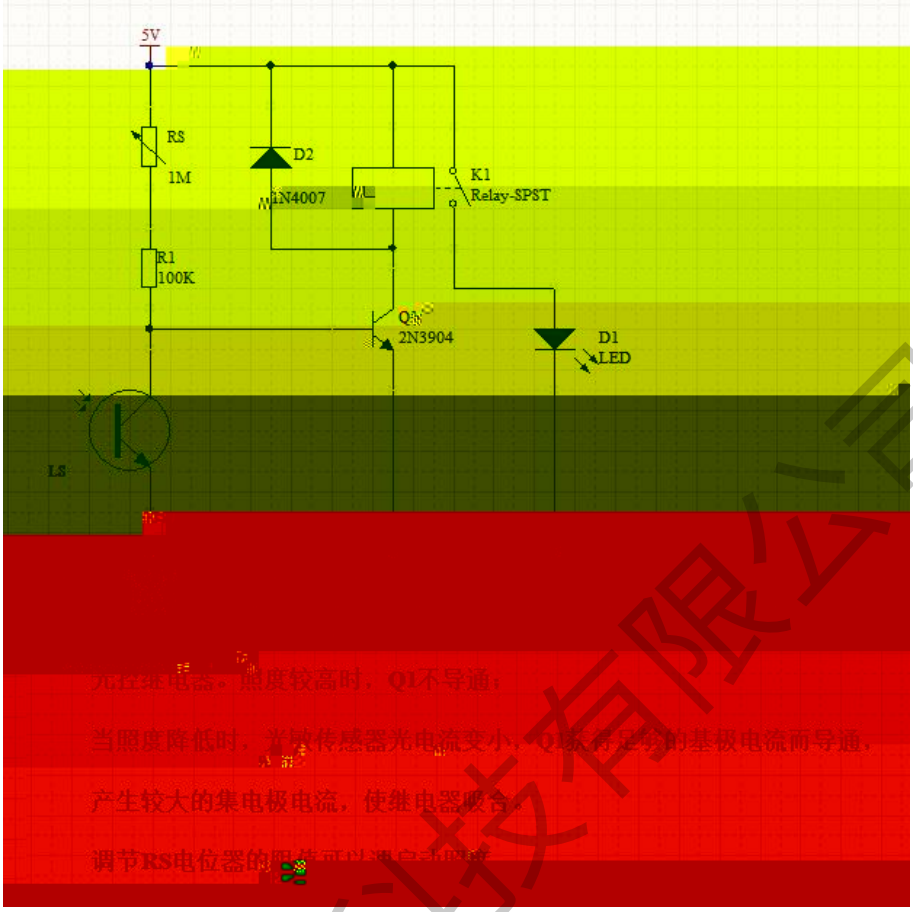
* $R_{SS}$ .

High stable resistance is recommended for RSS




Measurement method of sw

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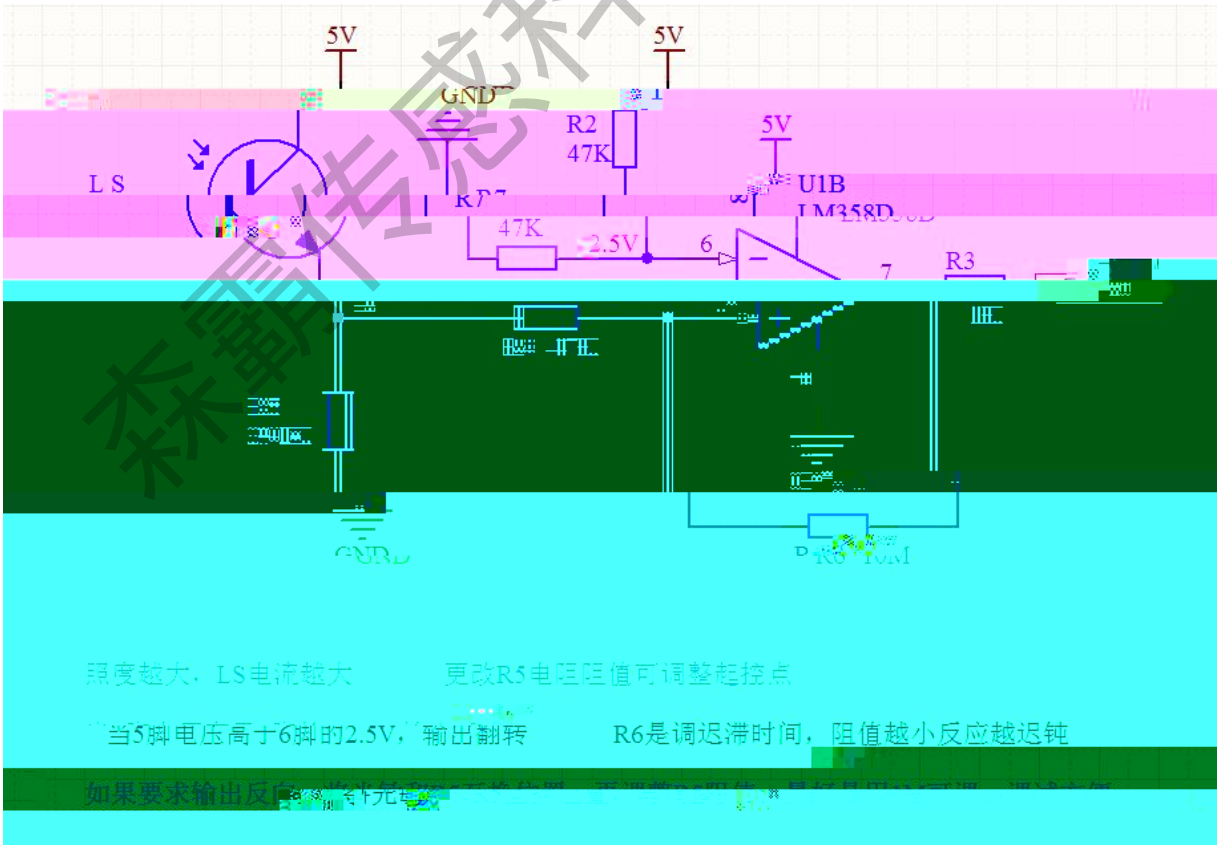



光控继电器。照度较高时，Q1不导通；

当照度降低时，光敏传感器光电流变小，Q1获得足够的基极电流而导通，

产生较大的集电极电流，使继电器吸合。

调节RS电位器的阻值可以调节启动照度



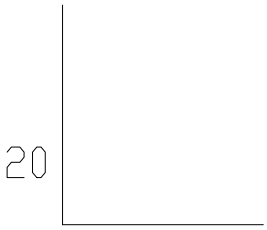

照度越大，LS电流越大　　更改R5电阻阻值可调整起控点

当5脚电压高于6脚的2.5V，输出翻转　　R6是调迟滞时间，阻值越小反应越迟钝

如果要求输出反向，

森霸传感科技有限公司

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光照产

| Test Parameter | Reference Criterion | Test Condition |
| --- | --- | --- |
| Resistance to Solder | | |

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| Mode | Condition |
| --- | --- |
| Manually | |

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ج U 0 +30ÁC 70% 3
3 ضي كج

The storage conditions of the product after leaving the factory shall be 0 to + 30 Á 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

U 0 +30ÁC
uú h 060% sp ضي sU u g + u t . h
Once the package is opened, the products should be used up as soon as possible . If it is not
d used up, It shou 0 s3 m a d t yo r e e , .d e i

o r s so e s u u h , e i e s