



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.
Suitable for all kinds of infrared light detection and testing equipment

Product Features

1. 850nm
Peak sensitive wavelength 850nm
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.

Product Dimensions

Note

1.
- 1
- 2

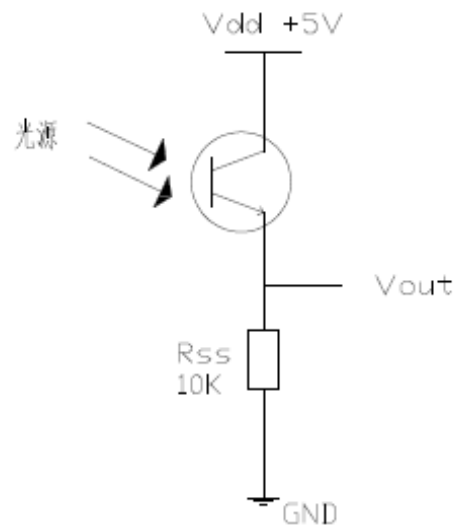
Ta=25

MAXIMUM RATING (TA = 25 ° C)

Parameter name	Symbol	Rating	Unit
- Collector-Emitter Voltage	V _{CEO}	20	V
- Emitter-Collector Voltage	V _{ECO}	5	V
Consumption	P _c	70	mW

Workin4 T/P #MCI5 1 0 0 cm341.5900 712.7800 0.960.ef*QE800 ref*QEMC/P #MCID 66B

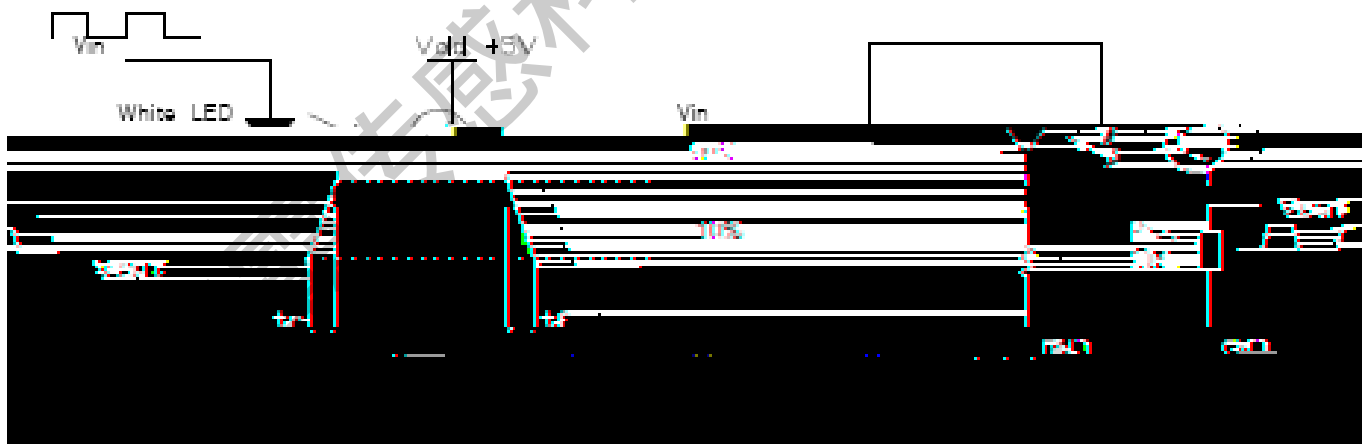
Test schematic



$$\text{Photocurrent} = V_{\text{out}} / R_{\text{ss}}$$

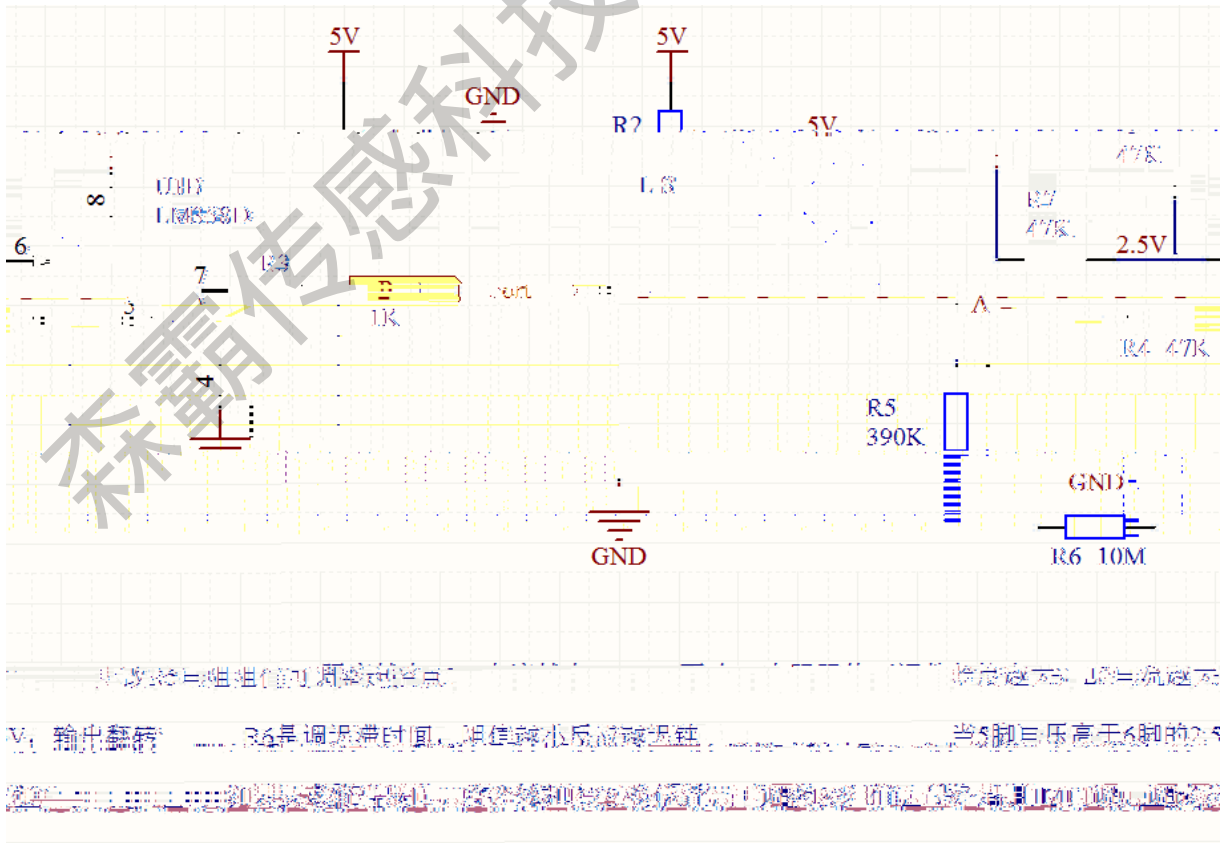
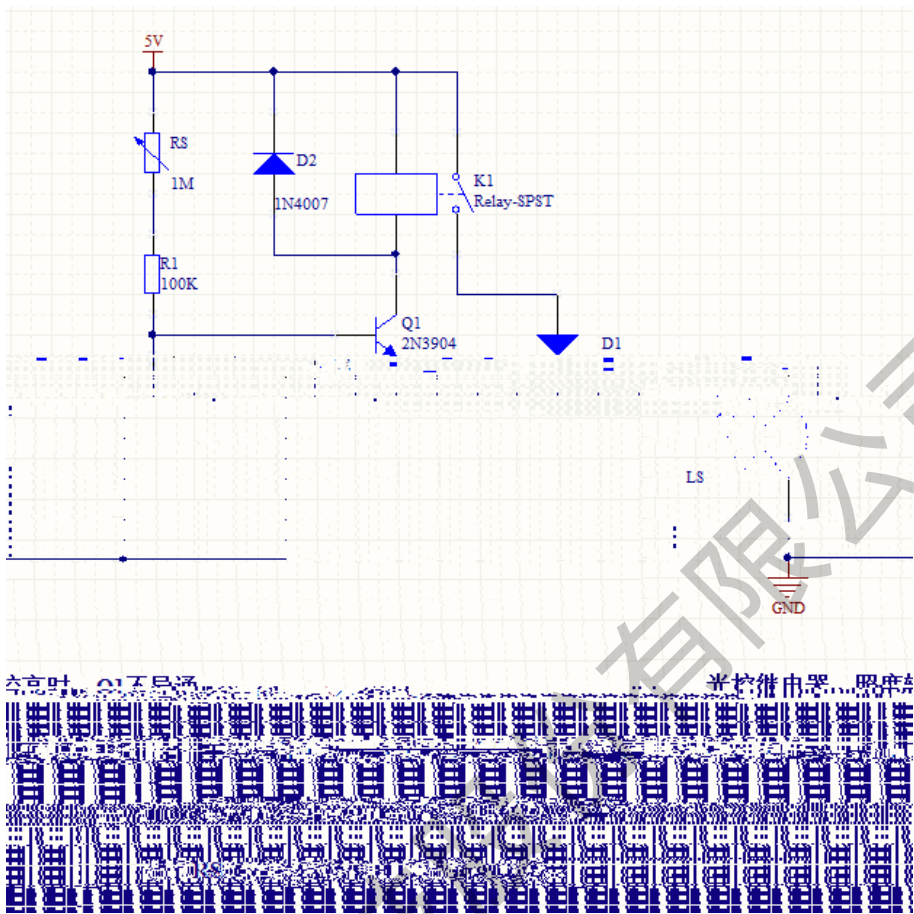
* R_{ss}

High stable resistance is recommended for R_{ss}

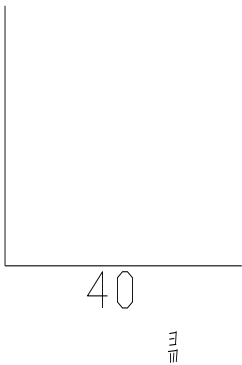
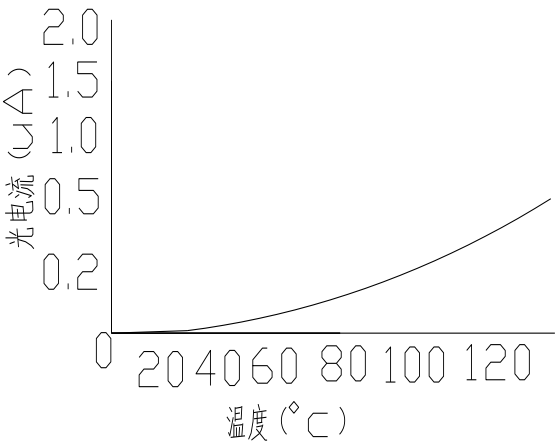
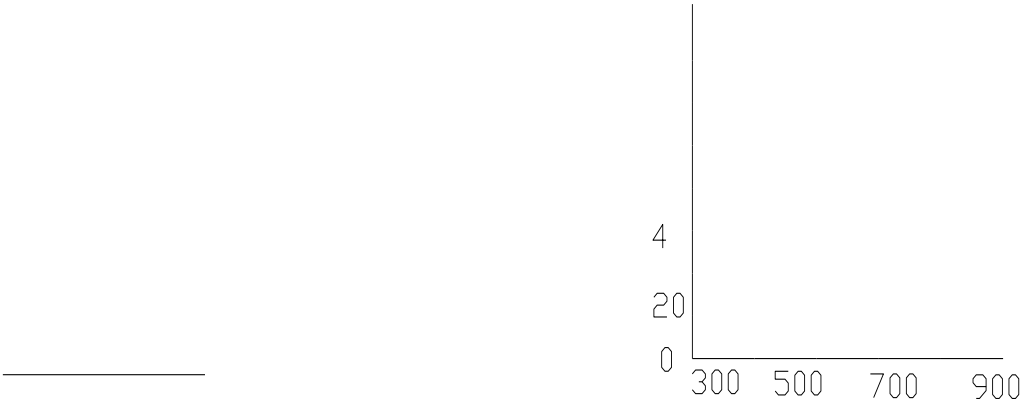


Measurement method of switching time

Reference circuit



Typical photoelectric characteristics curves



Reliability Test

Test Parameter	Reference Criterion	Test Condition	Time	Quantity	/ Ac/RE
Resistance to Solder Heat	JESD22-B106	260 ±5	10sec	30PCS	0/1

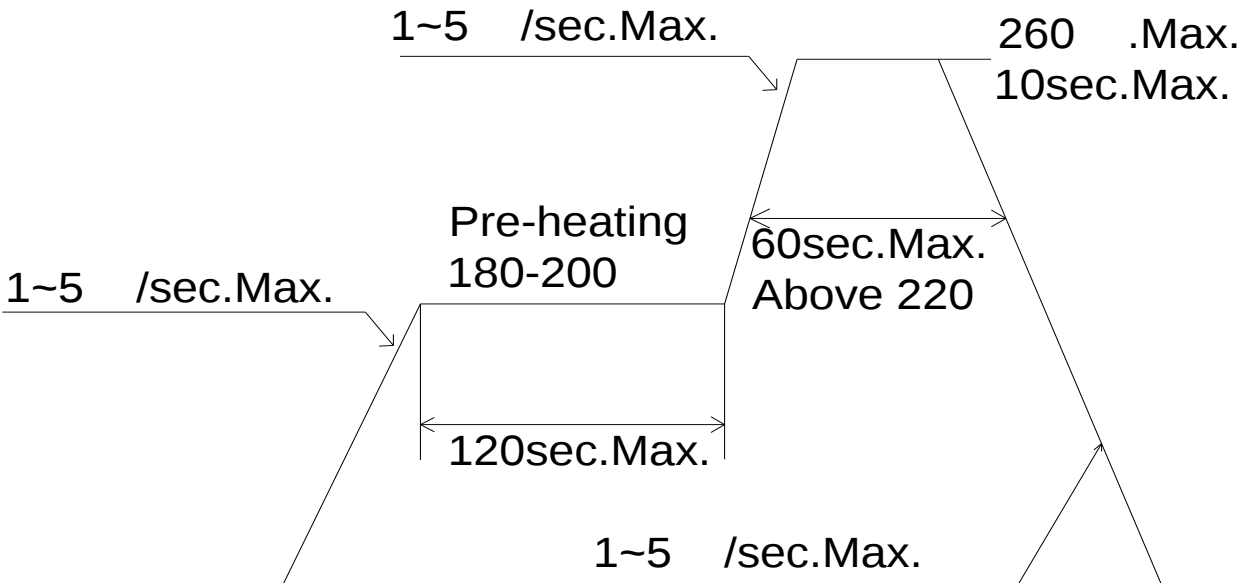
Thermal Cycle

JESD22-A104

110

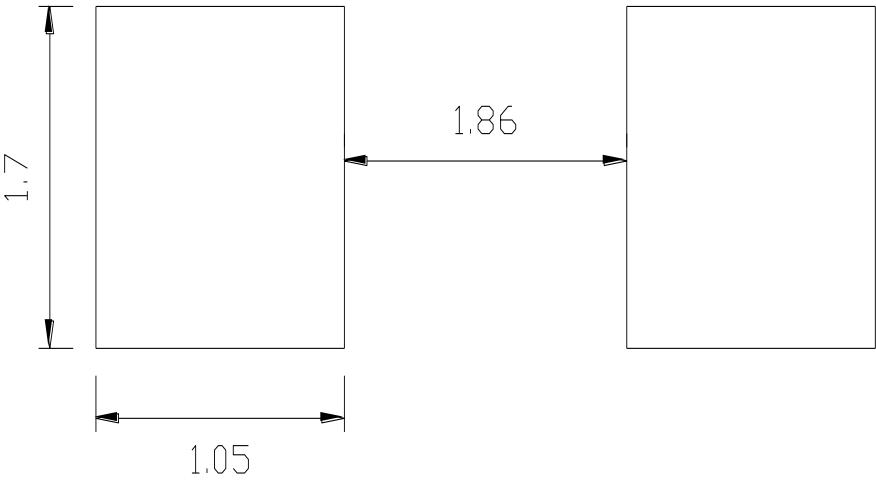
Soldering Profile Suggested

lead-free solder



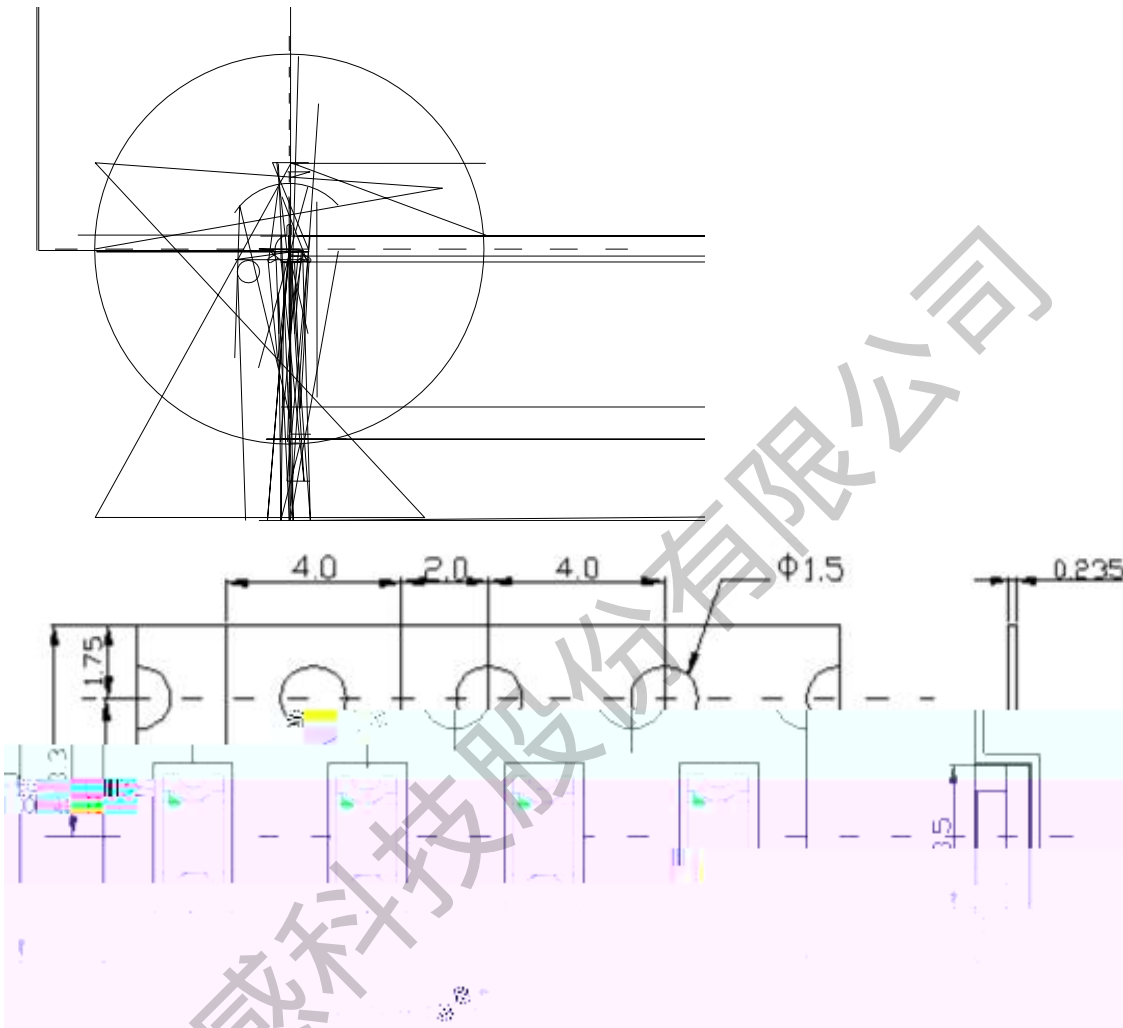
Notes Number of reflow process shall be less than 2 times and cooling process to normal temperature is required between first and Second soldering process.


: Recommended Soldering Pattern Units:mm

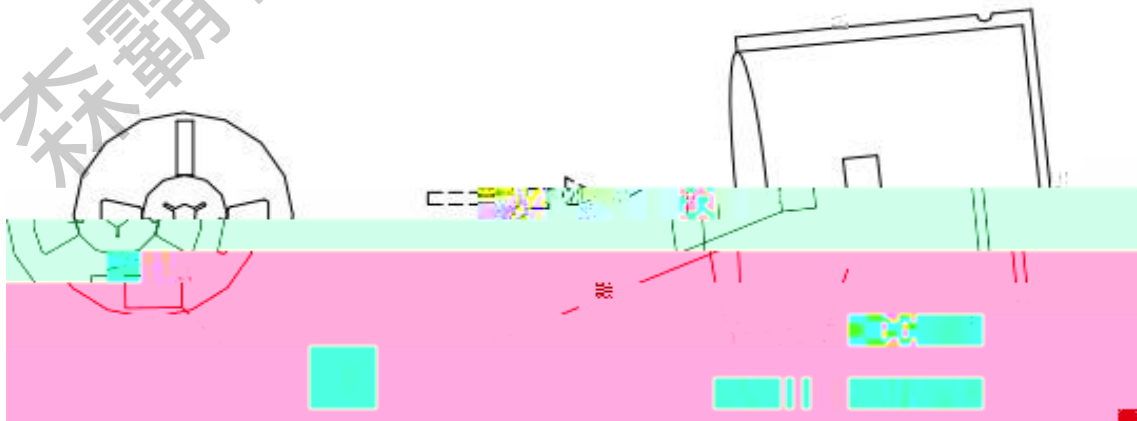


Reel And Tape Dimensions

3000 pcs/ Packing quantity: 3000 PCS/rolls



- / Notes: 1. (mm)/ All dimensions are in millimeters.
2. ±0.1mm/ Tolerance is ± 0.1 mm unless otherwise noted.



The label

Anti-static, moisture-proof aluminum foil bag

Precautions

1.