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

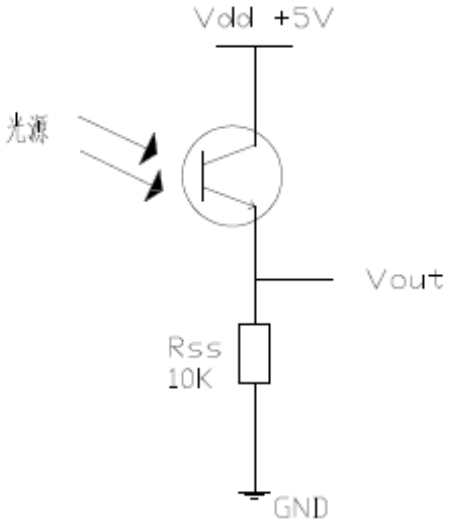
Ta=25 MAXIMUM RATING (TA = 25 ° C)

Parameter name	Symbol	Rating	Unit
- Collector-Emitter Voltage	V_{CEO}	20	V
- Emitter-Collector Voltage	V_{ECO}	5	V
Consumption	Pc	70	mW

Workin4 T/P #MCI5 1 0 0 cm341.5900 712.7800 0.960.ef*QE800 ref*QEMC/P #MCID 668

Parameter 4 Test Parameter 54 420044 Tm0ran002 q06D640 (P)-2(a)-3(ramet)-3(e)9 #MCID 14 BDCBT/F

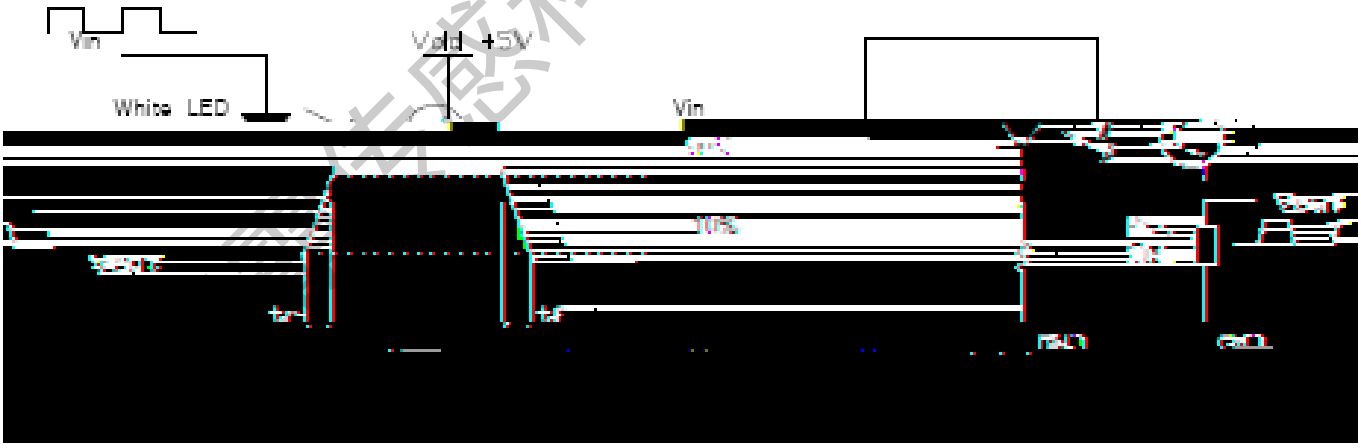
Test schematic



Photocurrent =V_{out}/ R_{SS}

* R_{SS} .

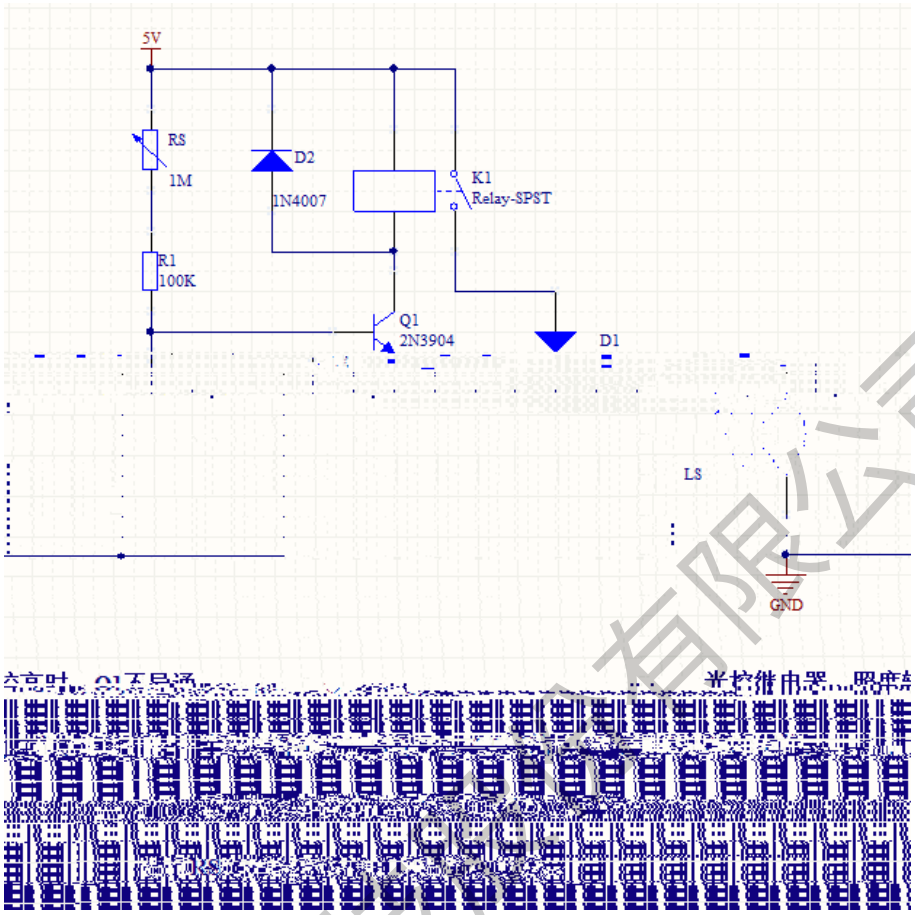
High stable resistance is recommended for RSS

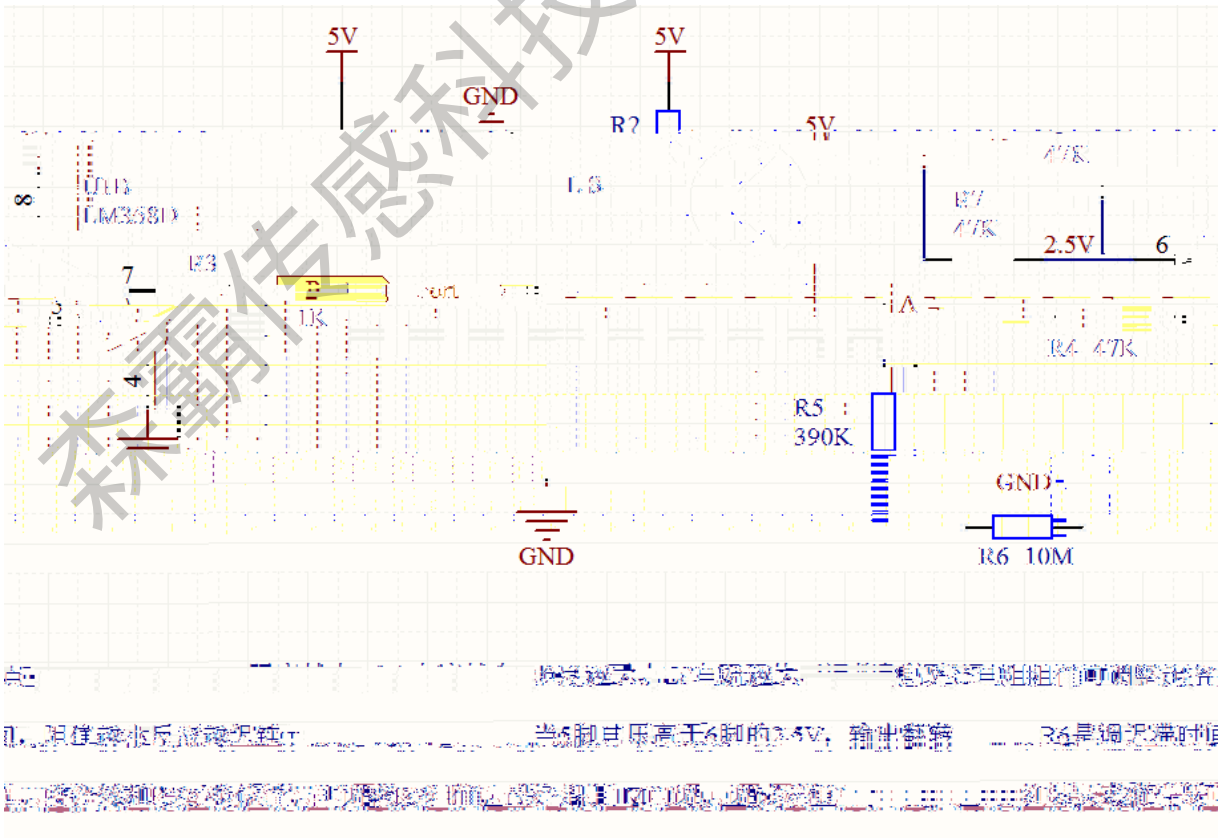


Measurement method of switching time

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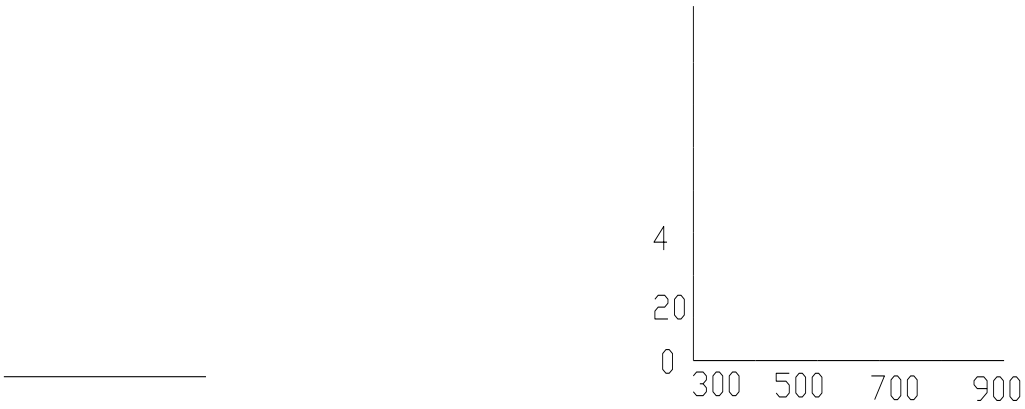
Reference circuit

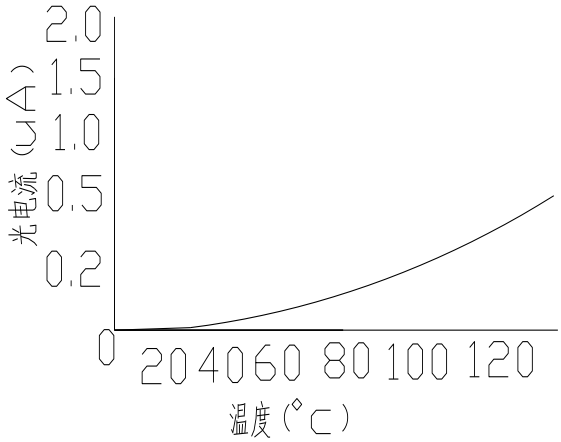


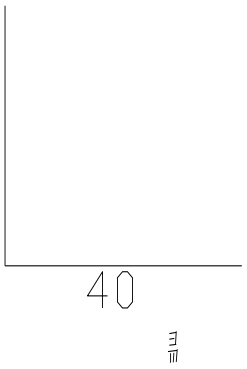


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Typical photoelectric characteristics curves





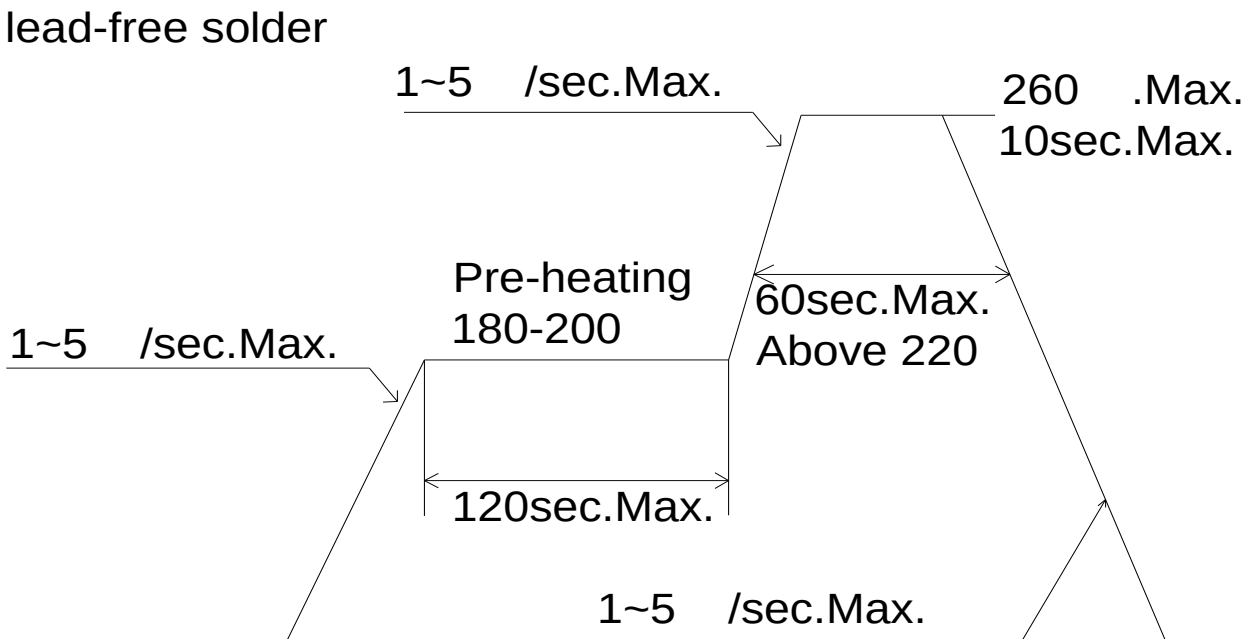


Reliability Test

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			

0 g0 Gm0301(im)-4(e)]TJET/P AMCID 58BDCBT/F1 12.00 T81 0 0 1 526.299988 677.260010 350 0 g0 Gm0301(

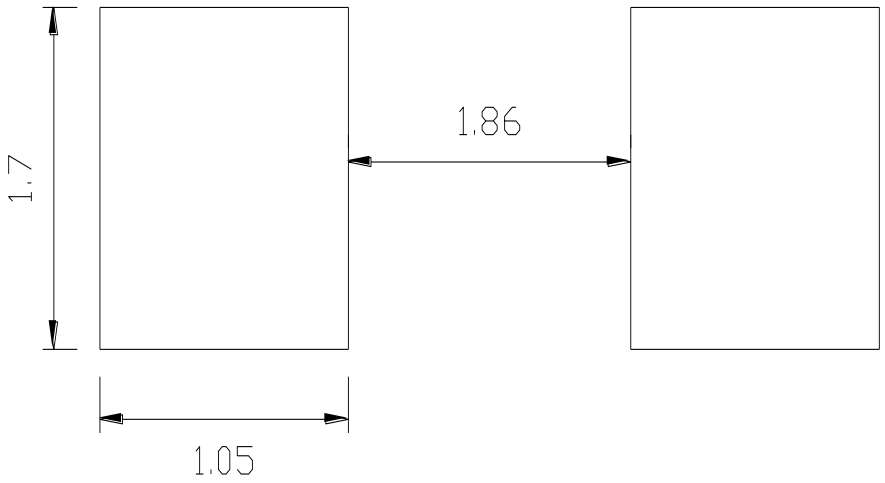
Soldering Profile Suggested



, .

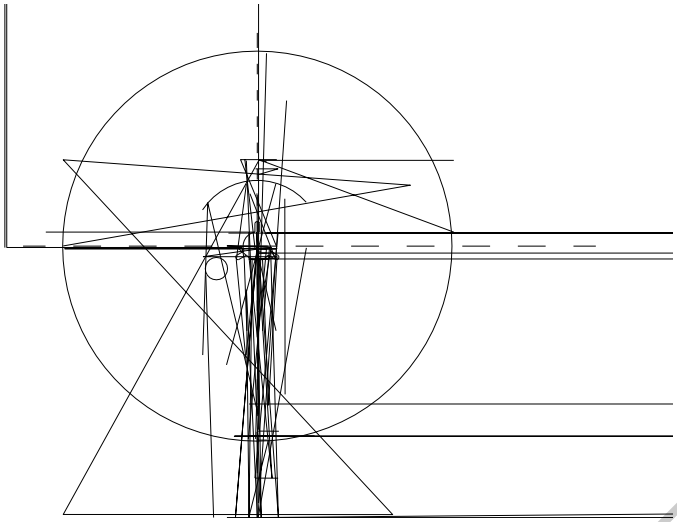
Notes Number of reflow process shall be less than 2 times and cooling process to normal temperature is required between first and Second soldering process.

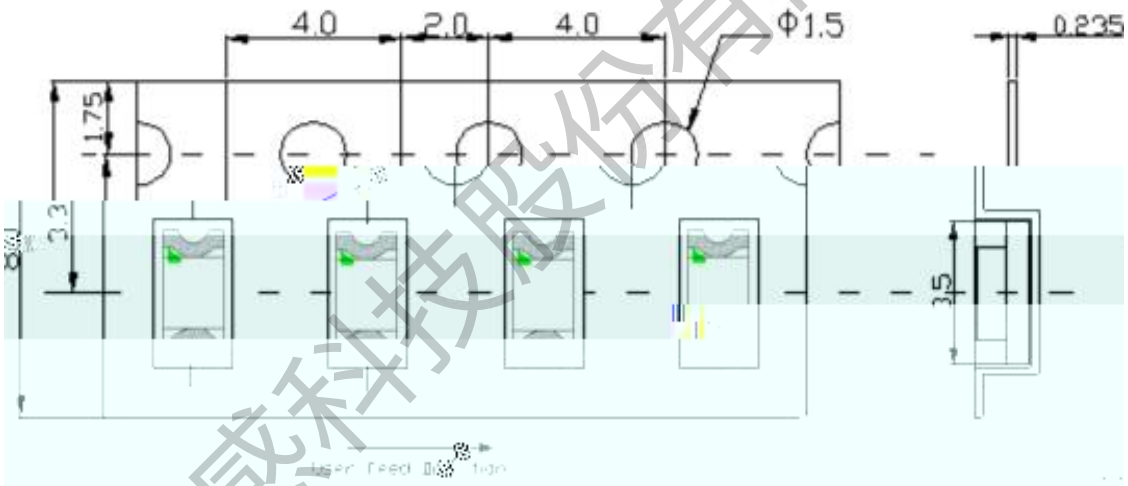
: Recommended Soldering Pattern Units:mm



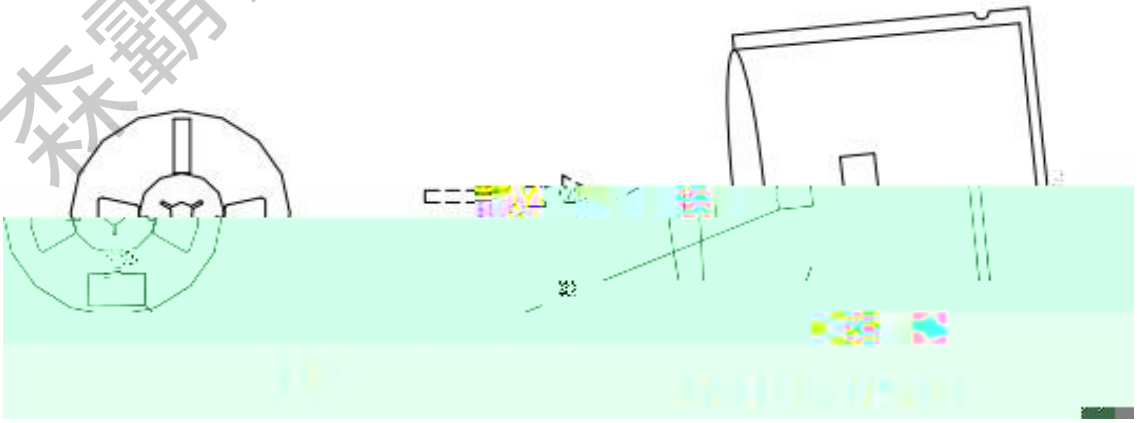
Reel And Tape Dimensions

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

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Precautions

1.