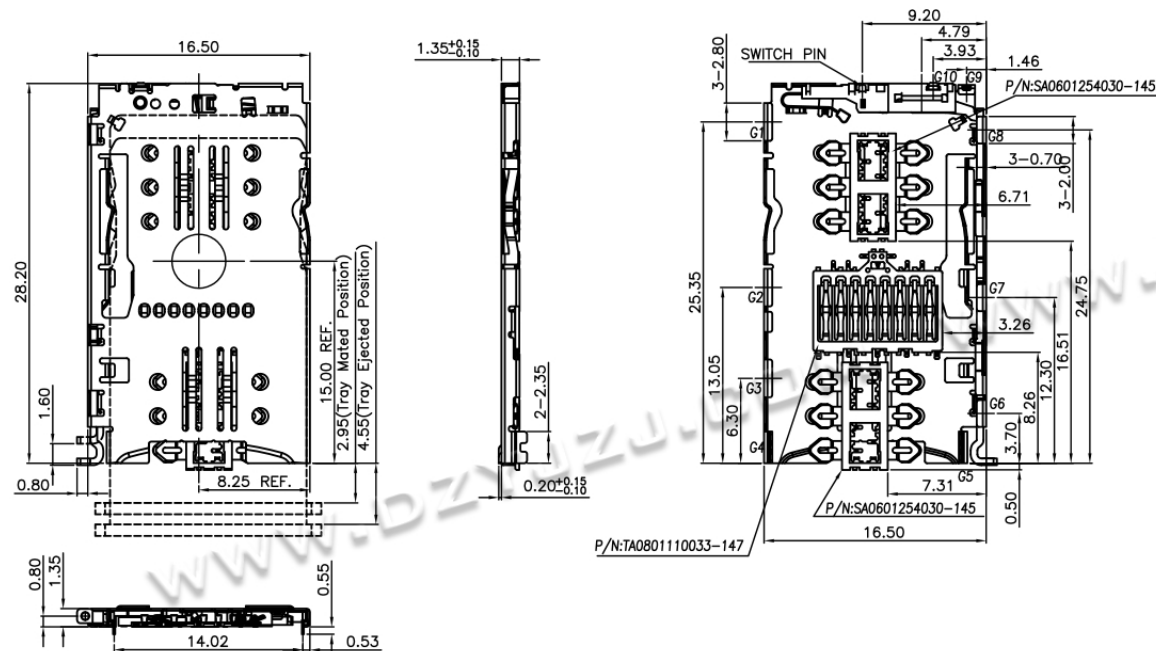




| COMPOSITION OF DETECTION   |            |
|----------------------------|------------|
| TRAY DETECT (SW)           |            |
| SW                         |            |
| GND                        |            |
| NON TRAY.....SHORT(NORMAL) |            |
| TRAY IN.....OPEN           |            |
| G1-G10                     | GND        |
| SW                         | SWITCH PIN |

## NOTES:

## 1. MATERIAL:

1.1 SWITCH BLOCK :HOUSING:THERMOPLASTIC,UL 94V-0;COLOR:BLACK

1.2 CONTACT: COPPER ALLOY

1.3 CRANK: STAINLESS STEEL T=0.4mm

1.4 ROD: STAINLESS STEEL T=0.5mm

1.5 SHELL: STAINLESS STEEL T=0.15mm

1.6 SWITCH BLOCK :THERMOPLASTIC,UL 94V-0;COLOR:BLACK

1.7 SWITCH PIN: COPPER ALLOY T=0.12mm

## 2. FINISH:

2.1 CONTACT: GOLD PLATING ON CONTACT AREA&ON SOLDER TAILS,

50u" MIN. NICKEL UNDERPLATING.

2.2 SHELL: GOLD PLATING ON SOLDER TAILS, 50u" NICKEL UNDERPLATED.

## 3. SPECIALITY:

3.1 VOLTAGE RATING: 50V

3.2 WITHSTANDING VOLTAGE: AC250V R.M.S

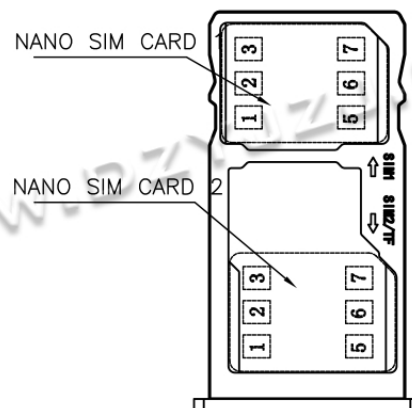
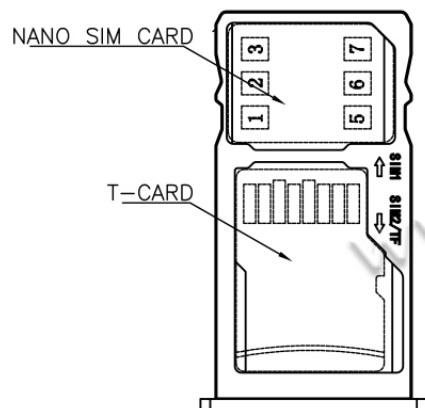
3.3 CURRENT RATING: 0.5A

3.4 INSULATION RESISTANCE: 1000MEG.OHM MIN AT DC 250V

3.5 CONTACT RESISTANCE: 100 MILL.OHM MAX

3.6 OPERATION TEMPERATURE: -20°C~+85°C

3.7 DURABILITY: 1000 CYCLES



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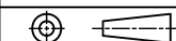
## TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X.\* ±2\* X.X\* ±0.5\*



UNIT: mm [inch]

SCALE: 1:1 SIZE: A4

## DRAWN BY :

陈一鸣

## DATE :

2014-02-23

## CHECKED BY :

马跃

## DATE :

2014-02-23

## APPROVED BY :

邱敏

## DATE :

2014-02-23

## PART NAME:

1.35H 左侧顶出分体式 三选二 组合式卡座

## PART NO.

HYC63-3IN128-135

## MOLD NO.

HYC-2104221621

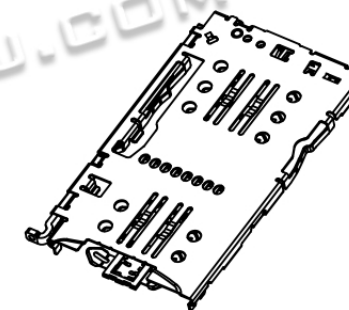
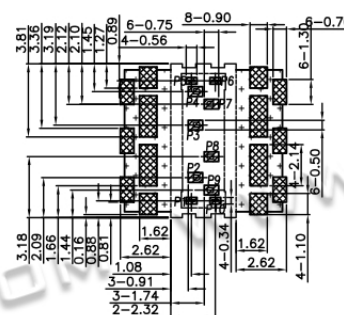
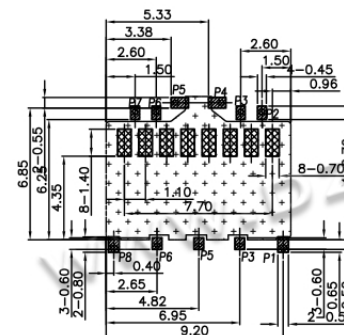
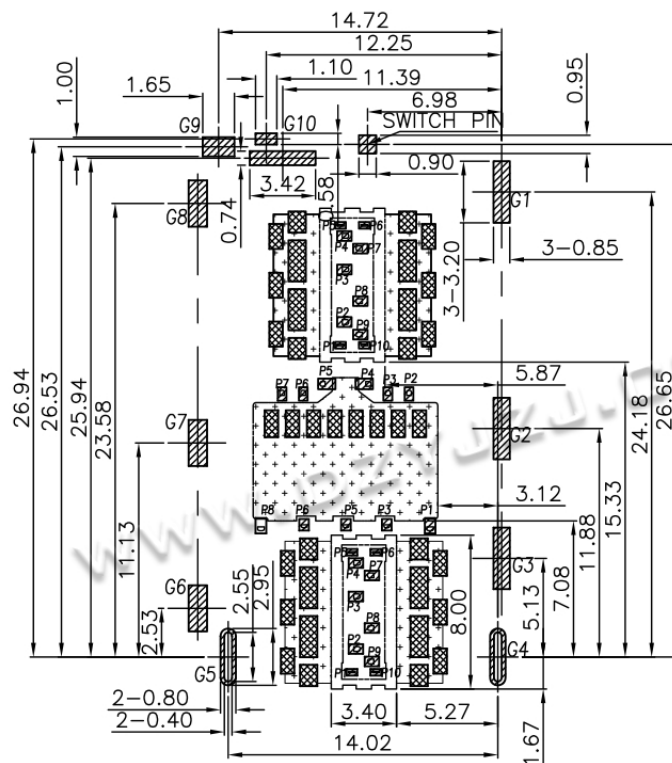
## SHEET NO.

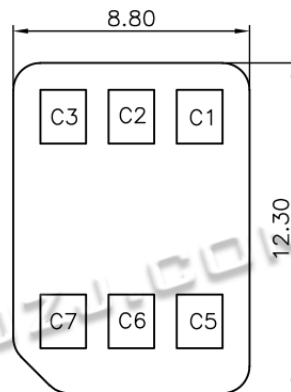
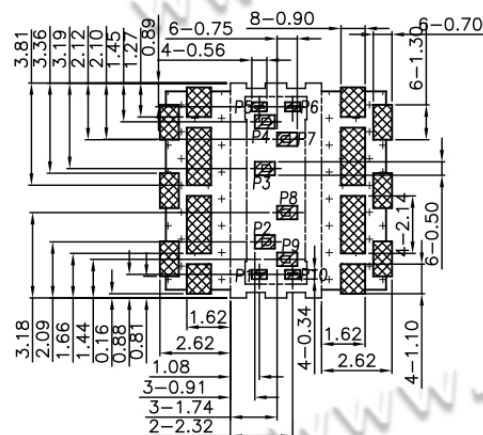
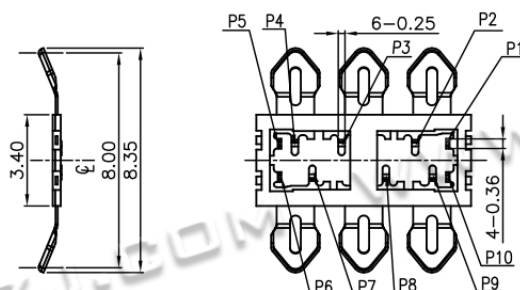
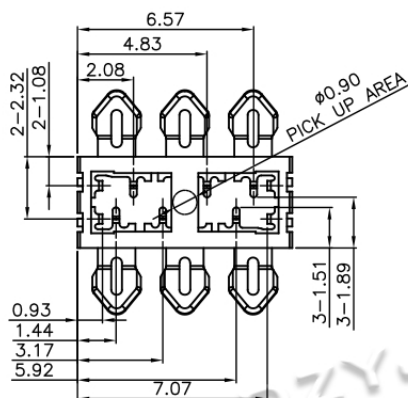
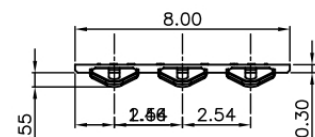
1 OF 1

**TOLERANCE:**  
X.X      $\pm 0.30$   
X.XX    $\pm 0.25$   
X.XXX    $\pm 0.15$

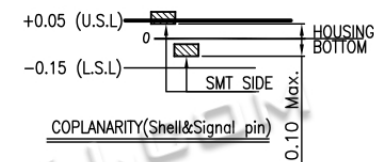
|           |        |
|-----------|--------|
| SHEET NO. | 1 OF 1 |
|-----------|--------|

GENERAL TOLERANCE  $\pm 0.05$





NANO SIM CARD



| SIM Card<br>terminal NO | Pin NO |                             |
|-------------------------|--------|-----------------------------|
| P1 P2 C1                |        | vcc:pwr signal and GND      |
| P3 C2                   |        | RST: Reset signal           |
| P4 P5 C3                |        | CLK:Cloking signal          |
| P9 P10 C5               |        | GND:PWR signal and GND      |
| P8 C6                   |        | vpp:programming voltage     |
| P6 P7 C7                |        | I/O:seral date input/output |

NOTES:

- NOTE: 1. MATERIAL:  
1.1 HOUSING:THERMOPLASTIC UL94V-0; COLOR BLACK.  
1.2 CONTACT TERMINAL:COPPER ALLOY.  
2 FINISH:  
2.1 CONTACT:AU PLATING ON CONTACT AREA(SEE P/N DESCRIPTION)  
50U" MIN NICKEL UNDER PLATING OVER ALL  
1U" MIN AU PLATING ON SOLD AREA  
3. SPECIALITY:  
3.1 VOLTAGE RATING:50V  
3.2 WITHSTANDING VOLTAGE:AC250V R.M.S  
3.3 CURRENT RATING:0.5A  
3.4 INSULATION RESISTANCE:1000MEG.OHM MIN AT DC  
250V  
3.5 CONTACT RESISTANCE:100 MILL.OHM MAX  
3.6 OPERATION TEMPERATURE: -20°C~+85°C  
3.7 DURABILITY:3000 CYCLES



SMT SOLDER AREA

OPEN WIRE RESTRICTED AREA

OPEN WIRE & COPPER RESTRICTED AREA

- 1.TOUCH AREA OF CONTACT TIPS,NO ELECTRICAL FUNCTION  
2.NO FIRST PCB-LAYER CIRCUITS IN THE AREA

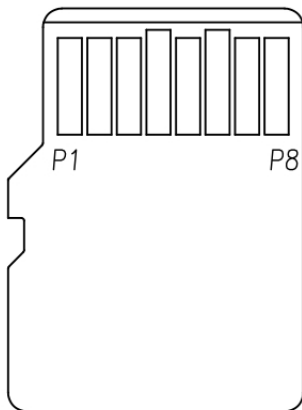
## RECOMMENDED PCB LAYOUT

GENERAL TOLERANCE  $\pm 0.05$



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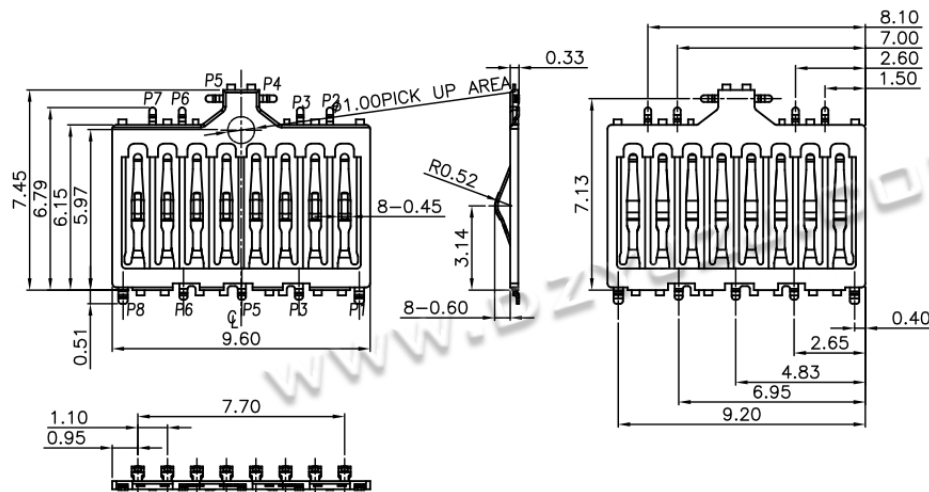
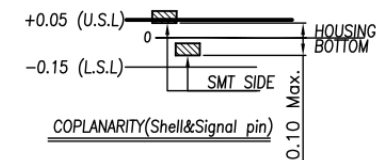
|                                                                                                          |          |                        |                          |                                     |                                                                                       |
|----------------------------------------------------------------------------------------------------------|----------|------------------------|--------------------------|-------------------------------------|---------------------------------------------------------------------------------------|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br><br>X.* ±2*    X.X* ±0.5*                        |          | DRAWN BY :<br><br>陈一鸣  | DATE :<br><br>2014-02-23 | PART NAME:<br><br>1. 35H 三选二分体式SIM卡 |                                                                                       |
| <br>UNIT: mm [inch] |          | CHECKED BY:<br><br>马跃  | DATE :<br><br>2014-02-23 | PART NO.<br><br>HYC63-3IN128-135-S  |  |
|                                                                                                          |          | APPROVED BY:<br><br>邱敏 | DATE :<br><br>2014-02-23 | DRAW NO:<br><br>HYC-2104221621      |                                                                                       |
| SCALE:1:1                                                                                                | SIZE: A4 |                        |                          | SHEET NO.                           | 1 OF 1                                                                                |



Micro-SD CARD

Memory Card Pin Assignment

| Pin No. | NAME     | TYPE   | DESCRIPTION                 |
|---------|----------|--------|-----------------------------|
| 1       | DAT 2    | I/O/PP | Date Line(bit2)             |
| 2       | CD/DAT 3 | I/O/PP | Card Detect/Date Line(bit3) |
| 3       | CMD      | PP     | Command Response            |
| 4       | VDD      | S      | Supply Voltage              |
| 5       | CLK      | I      | Colck                       |
| 6       | VSS      | S      | Supply Voltage Ground       |
| 7       | DAT0     | I/O/PP | Date Line(bit0)             |
| 8       | DAT1     | I/O/PP | Date Line(bit1)             |



## NOTES:

- MATERIAL:
  - HOUSING:THERMOPLASTIC,UL 94V-0;COLOR:BLACK
  - CANTACT TERMINAL:COPPER ALLOY
- FINISH:
  - CONTACT: Au PLATING ON CONTACT AREA (SEE DESCRIPTION) P/N
  - 50u" MIN NICKEL UNDERPLATING OVER ALL
  - 1u" MIN Au PLATING ON SOLD AREA,
- SPECIALITY:
  - VOLTAGE RATING:50V
  - WITHSTANDING VOLTAGE:AC250V R.M.S
  - CURRENT RATING:0.5A
  - INSULATION RESISTANCE:1000MEG.OHM MIN AT DC 250V
  - CONTACT RESISTANCE:100 MILL.OHM MAX
  - OPERATION TEMPERATURE: -20°C~+85°C
  - DURABILITY:3000 CYCLES



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## TOLERANCE:

X.X ±0.30  
X.XX ±0.25  
X.XXX ±0.15  
X.\* ±2\* X.X\* ±0.5\*



UNIT: mm [inch]

SCALE:1:1 SIZE: A4

## DRAWN BY :

陈一鸣

## CHECKED BY:

马跃

## APPROVED BY:

邱敏

## DATE :

2014-02-23

## DATE :

2014-02-23

## DATE :

2014-02-23

## PART NAME:

1.35H 三选二分体式T卡

## PART NO.

HYC63-3IN128-135-T

## MOLD NO.

## DRAW NO:

HYC-2104221621

## SHEET NO.

1 OF 1