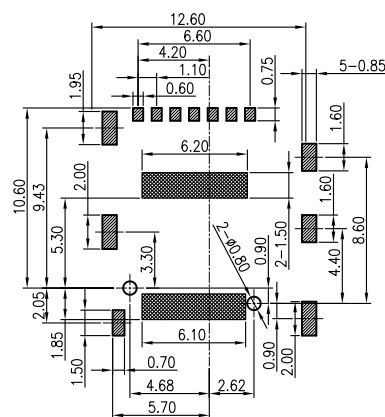
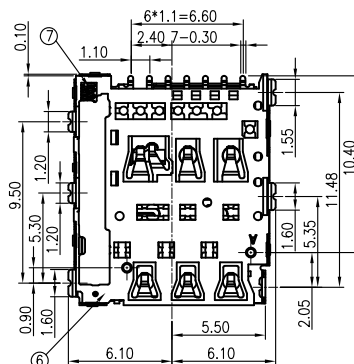
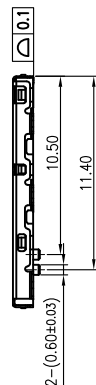
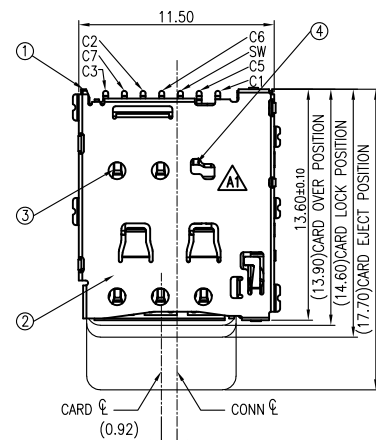
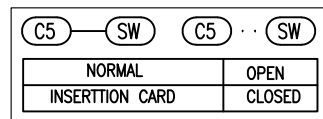


NANO-SIM CARD

**Nano SIM Circuit Description:**

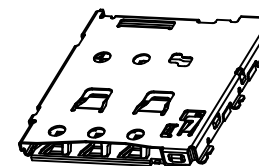
| PIN No. | FUNCTION |
|---------|----------|
| C1      | VCC      |
| C2      | RST      |
| C3      | CLK      |
| C5      | GND      |
| C6      | VPP      |
| C7      | I/O      |



 SMT SOLDER AREA.

 NO PATTERN AREA

RECOMMENDED PCB LAYOUT  
ALL TOLERANCE  $\pm 0.05\text{MM}$



|     |             |      |                              |
|-----|-------------|------|------------------------------|
| 7   | SPRING      | 1    | THERMOPLASTIC RATING UL94V-0 |
| 6   | LINK        | 1    | STAINLESS STEEL              |
| 5   | SLIDE       | 1    | STAINLESS STEEL              |
| 4   | DETECT PIN  | 1    | COPPER ALLOY                 |
| 3   | CONTACT     | 1    | COPPER ALLOY                 |
| 2   | SHELL       | 1    | STAINLESS STEEL              |
| 1   | HOUSING     | 1    | LCP UL94V-0                  |
| NO. | DESCRIPTION | Q'TY | Material                     |

NOTES:

1. FINISH:

1.1 CONTACT:

50u"MIN NICKEL UNDER PLATED,1u"MIN GOLD PLATING ON CONTACT AREA,GOLD FLASH PLATING ON SOLDERING AREA

1.2 SHELL:

30u" NICKEL UNDER PLATED;  
GOLD FLASH PLATING ON SOLDERING AREA.

## 2.ELECTRICAL REQUIREMENTS:

2.1 RATED CURRENT:0.5A

2.2 CONTACT RESISTANCE:100mΩ MAX

2.3 INSULATION RESISTANCE:1000MΩ MIN 200V DC FOR 1 MINUTE

2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.

### 3. MECHANICAL REQUIREMENTS:

DURABILITY:3000 CYCLES MIN.

4.ENVIRONMENTAL REQUIREMENTS:

4.1 OPERATING TEMP:  $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$

4.2 STORAGE TEMP: -40°C ~ +85°C

5. RECOMMENDED PROCESS CONDITION:

IR-REFLOW, PEAK TEMPERATURE AND TIME: 250°C, 5-10S

6.METALMASK THICKNESS 0.10MM MIN



深圳市华宇创精密电子有限公司

|                                                                                       |                                                                                       |                    |                      |                        |                    |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|----------------------|------------------------|--------------------|
| TOLERANCE:                                                                            |                                                                                       | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:             |                    |
| X.X ±0.30                                                                             |                                                                                       |                    |                      | NANO SIM PUSH 1.24H 帶柱 |                    |
| X.XX ±0.25                                                                            |                                                                                       | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.               | HYCW289-SIM07-124B |
| X.XXX ±0.15                                                                           |                                                                                       |                    |                      | MOLD NO.               |                    |
| X: ±2°                                                                                | X.X° ±0.5°                                                                            | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | DRAW NO:               | HYC-2403131929     |
|  |  |                    |                      | SHEET NO.              | 1 OF 1             |
| UNIT: mm [inch]                                                                       |                                                                                       |                    |                      |                        |                    |
| SCALE:1:1                                                                             | SIZE: A4                                                                              |                    |                      |                        |                    |