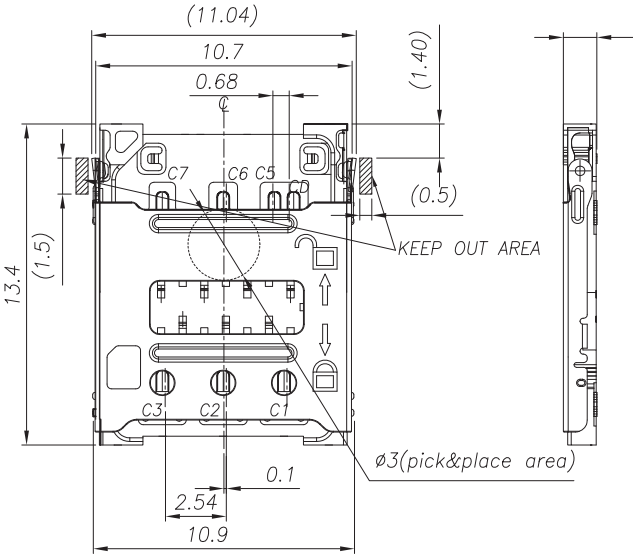
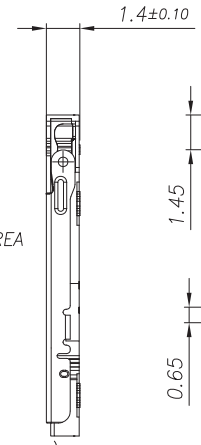
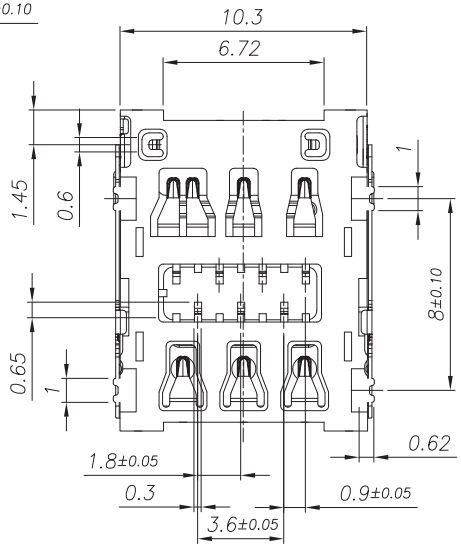
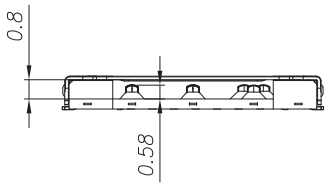
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
|---|---|---|---|
| 1 | PROPOSE ONLY | ALLEN | 2015.03.04 |
| 2 | MODIFY THE SHELL LOGO | ALLEN | 2016.12.02 |



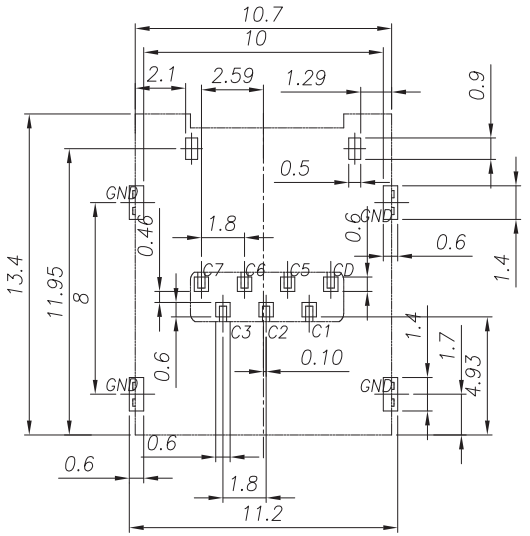




SW Circuit Description for Connector:

| CARD INSERTION STATE | DETECT AWITCH CIRCUIT STATE | SCHEMATIC |
|---|---|---|
| UNMATED | OPENED | DETECT PIN CD — C5 |
| MATED | CLOSED | DETECT PIN CD — C5 |

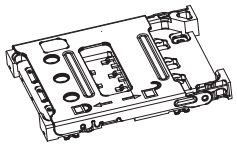


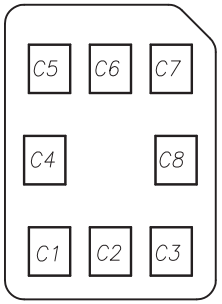

RECOMMENDED PCB LAYOUT TOP VIEW (TOLERANCE:±0.05)

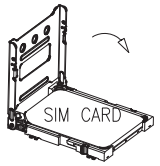
RECOMMENDED MATAL MASK T=0.12MM

【 SIM Card Pin Assignments 】

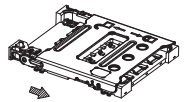
| PIN | Name |
|---|---|
| C1 | Vcc |
| C2 | RST |
| C3 | CLK |
| C4 | Reserved |
| C5 | GND |
| C6 | Vpp |
| C7 | I/O |
| C8 | Reserved |



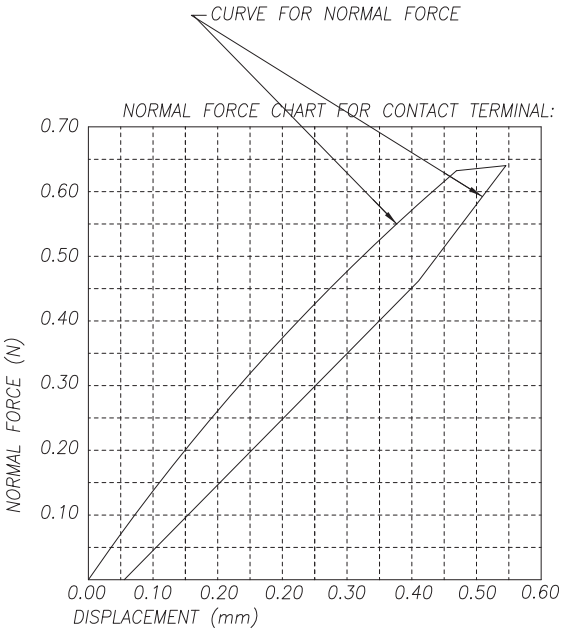



1. PLACE SIM CARD, THEN HINGE THE SHELL



2. SLIDE THE SHELL, CARD LOCKED




NOTES:

1. MATERIAL:SEE TABLE
2. SPECIALITY:
   - 2.1 Rated current: 0.5A Max
   - 2.2 Rated voltage: 30V AC
   - 2.3 Contact Resistance:100mohm MAX
   - 2.4 Insulation Resistance:1000Mohm MIN 500V DC
   - 2.5 Dielectric withstanding voltage: 500V AC/minute.
   - 2.6 Solder ability:250±5 10±0.5s.
   - 2.7 Durability:5000 Cycles
   - 2.8 Mating and Unmating force
     Insertion Force 10N Max
     Withdrawal Fore 0.5N Min
3. PART No.:

NS 0 HG - 14 00 06- 09 G

- Nano SIM CON.
- 0=WITHOUT POST
- HG=HINGE TYPE
- 14:HEIGHT 1.4mm
- 00=NORMAL TYPE.(ON PCB)
- 09=Product Order Pin NO. 6=6Pin
- G=gold flash

| NO. | PART NAME | Q'TY | DESCRIPTION | NOTE |
|---|---|---|---|---|
| 3 | TERMINAL | 6 | C5210-EH,T=0.12 | Au 3u" PLATING |
| 2 | BASE INSULATOR | 1 | LCP+GF30% | BLACK |
| 1 | SHELL | 1 | SUS304-H,T=0.15 | AU/Ni PLATING |

UNLESS OTHERWISE SPECIFED TOLERANCES

| DECIMALS: | | ANGLES: | |
|---|---|---|---|
| X | :±0.5 | X | :±2° |
| X.X | :±0.20 | X.X | :±1° |
| X.XX | :±0.10 | | |

# Wellco T&C Co., Ltd.

| | | | | |
|---|---|---|---|---|
| TITLE | 6Pin 1.4H Hinge Nano SIM CARD CONN. | | | |
| DWN | ALLEN | PART NO. NSOHG-140006-09G | | |
| CHKD | KEVIN | SCALE:1:1 | UNIT: mm | |
| APVD | ERIC.W | SIZE: A3 | SHEET:1OF 1 | REV: A2 |

CUSTOMER COPY