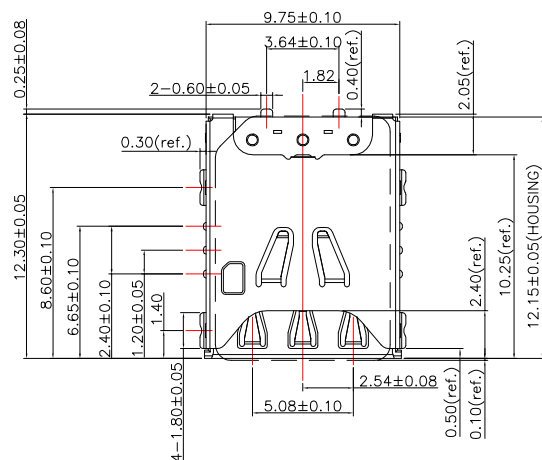


## NOTE:

## 1. Material:

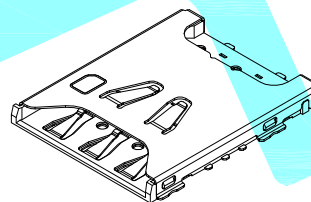
- 1-1 Housing: High Temperature Thermoplastic, Color Black UL 94V-0
- 1-2 Contact: Phosphor Bronze (T=0.08±0.01mm)
- 1-3 Cover: Stainless Steel T=0.10±0.03mm

## 2. Plating:

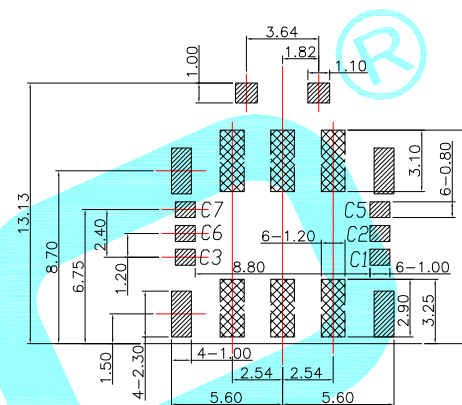
- 2-1 Contact terminal:  
Contact area: Gold 1u" Min.  
Solder area: Gold 0.8u" Min.  
Underplating: Ni overall 50U" Min.
- 2-2 Cover:  
Underplating: Ni overall 50U" Min.  
Solder area: Gold 0.8u" Min.

## 3. Specification:

- 3-1. Current Rating : 0.5mA AC/DC max.
- 3-2. Voltage Rating : 125V AC/DC
- 3-3. Ambient Temperature Range : -20°C ~ +60°C
- 3-4. Storage Temperature Range : -40°C ~ +70°C
- 3-5. Ambient Humidity Range : 95% R.H. Max.
- 3-6. Contact Resistance: 100m max.
- 3-7. Insulation Resistance: 1000M min./500VDC



| SIM CARD |      |
|----------|------|
| Pin No.  | NAME |
| C1       | VCC  |
| C2       | RST  |
| C3       | CLK  |
| C5       | GND  |
| C6       | VPP  |
| C7       | I/O  |



RECOMMENDED PCB LAYOUT

TOLERANCE: ±0.05



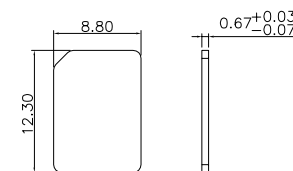
Pad Area



Via and Trace keepout Area



PCB Edge



|                |       |        |           |             |                                                                                       |                                                                                             |            |  |
|----------------|-------|--------|-----------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|--|
| APPROVALS      |       |        | DATE      |             |  |                                                                                             |            |  |
| DRAWN          |       | LIUCAN | 2022.12.7 |             |                                                                                       |                                                                                             |            |  |
| CHECKED        |       |        |           |             | TITLE:                                                                                |                                                                                             | SIM        |  |
| APPROVALS      |       |        |           |             | PART NO.                                                                              |                                                                                             | SIM-16A    |  |
| TOLERANCES ARE | 30~以上 | ±0.30  | ANGLE     | UNIT: mm    | SCALE: 1:1                                                                            | PROJ:  | SHEET 1 OF |  |
|                | 10~30 | ±0.25  |           |             |                                                                                       |                                                                                             |            |  |
|                | 5~10  | ±0.20  |           |             |                                                                                       |                                                                                             |            |  |
|                | ~ 5   | ±0.15  |           |             |                                                                                       |                                                                                             |            |  |
|                |       |        | ±2'       | DRAWING NO. |                                                                                       |                                                                                             |            |  |

| ECN NO. | REV. | DATE. | DESCRIPTION. | CHANGE. | CHECK. | APPRO. |
|---------|------|-------|--------------|---------|--------|--------|
|         | A    |       | NEW          |         |        |        |