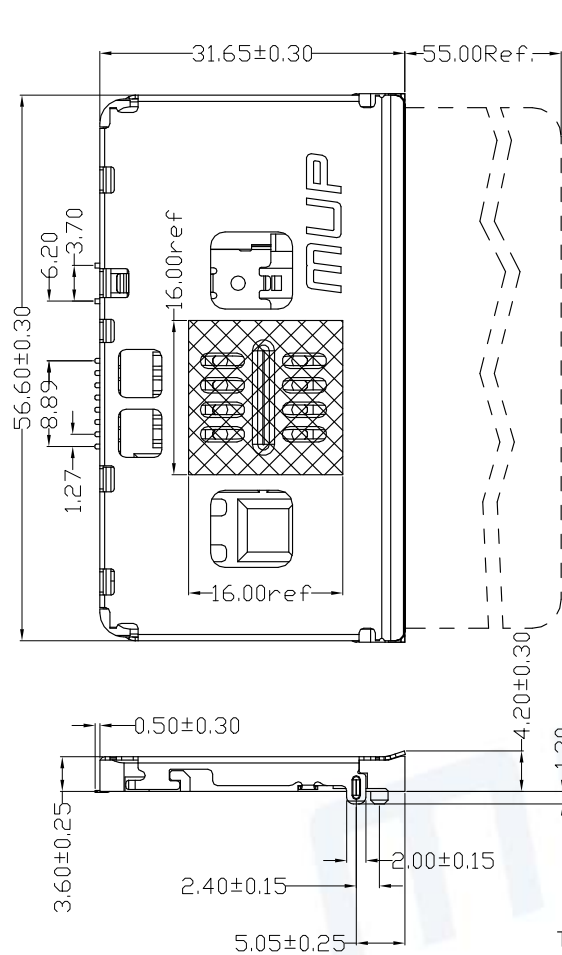




#### TECHNICAL CHARACTERISTICS

##### 1.General Characteristics

Dimensions: 56.9LX31.65WX4.20H mm

Weight: Approx9.0±0.5g

Durability: 500,000 cycles min.

##### 2.Electrical Characteristics

Contact resistance: 50mΩ typical, 100mΩ max

Insulation resistance: >1000MΩ/500V DC

##### 3.Solderability

IR reflow: 260°C.10sec.Max

Manual soldering: 370°C, 3sec.Max

##### 4.Environmental Characteristics

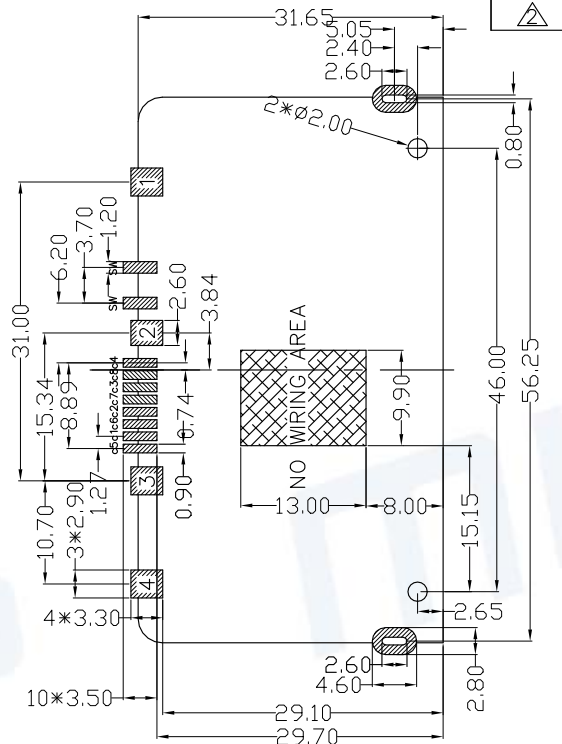
Operating temperature: -40°C~+85°C

Operating humidity: 10%~+95%RH

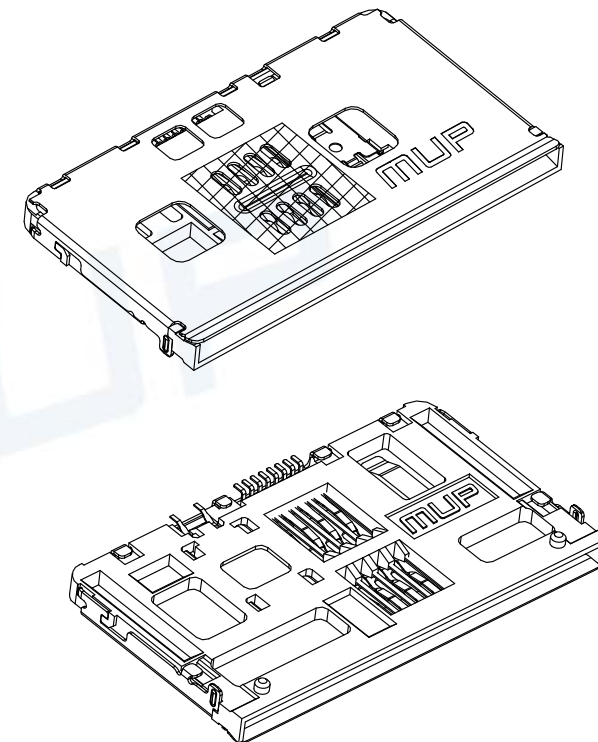
| ELECTRIC FUNCTION | DETECT SWITCH |
|-------------------|---------------|
| WITHOUT CARD      | OPEN          |
| CARD INSERTED     | CLOSED        |



SWITCH OPERATION DIAGRAM



RECOMMENDED P.C.B LAYOUT  
COMPONENT SIDE(TOLERANCE ±0.05)  
(Earthing1.2.3.4)Single Solderability  
Coplanarity of metal solder pins 0.15mm  
PAD AREA      STAND OFF AREA



| ITEM | PART NAME      | Q'TY | MATERIAL              | FINISH                     |
|------|----------------|------|-----------------------|----------------------------|
| 1    | BASE           | 1    | Hi-temp Thermoplastic | Black UL94V-0              |
| 2    | COVER          | 1    | SUS                   | Solder area:Gold plated    |
| 3    | DATA CONTACT   | 8    | Copper Alloy          | Contact area:15u"Au plated |
| 4    | SWITCH CONTACT | 1    |                       | Contact area:Silver plated |
| 5    | FLAKE          | 1    | SUS                   |                            |

|                                                                                                |            |                                  |                                                    |       |            |                              |
|------------------------------------------------------------------------------------------------|------------|----------------------------------|----------------------------------------------------|-------|------------|------------------------------|
| Unless otherwise specified, other tolerance are:                                               |            |                                  | <div>MUP<sup>®</sup></div> MUP INDUSTRIAL CO.,LTD. |       |            |                              |
| X ±0.45                                                                                        | X* ±5°     | NAME : Smart Card Connector      |                                                    |       |            |                              |
| X.X ±0.35                                                                                      | X.X* ±4°   | MODEL NO: MUP-C8073-04           |                                                    |       |            |                              |
| X.XX ±0.25                                                                                     | X.XX* ±3°  | TYPE : Normally open (Sealed SW) |                                                    |       |            |                              |
| X.XXX ±0.10                                                                                    | X.XXX* ±2° |                                  |                                                    |       |            |                              |
| PROJ.<br> | UNIT<br>mm | SCALE<br>1:1                     | DRAWN                                              | Jick  | 2023/10/18 | DWG NO. :<br>DWG-C8073-04-01 |
| CUSTOMER DRAWING                                                                               |            |                                  | CHECKED                                            | Keey  | 2023/10/18 | SHEET<br>1/1                 |
|                                                                                                |            |                                  | APPROVAL                                           | Simon | 2023/10/18 | REVISION<br>1                |

