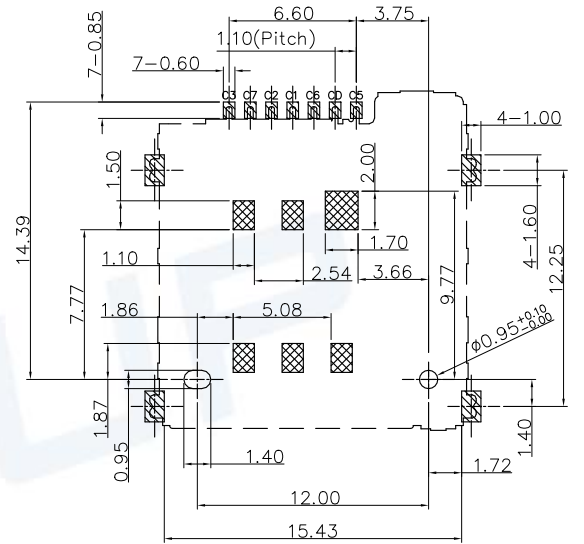
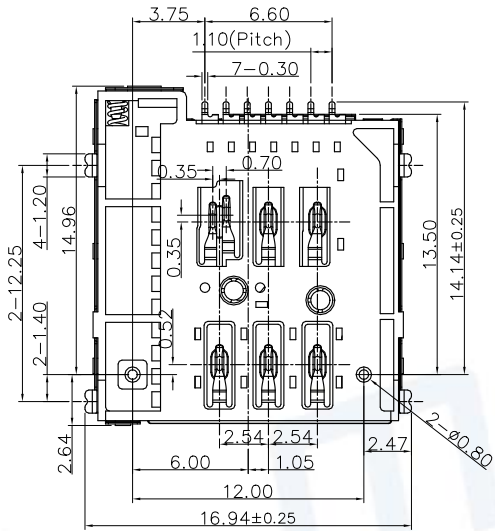
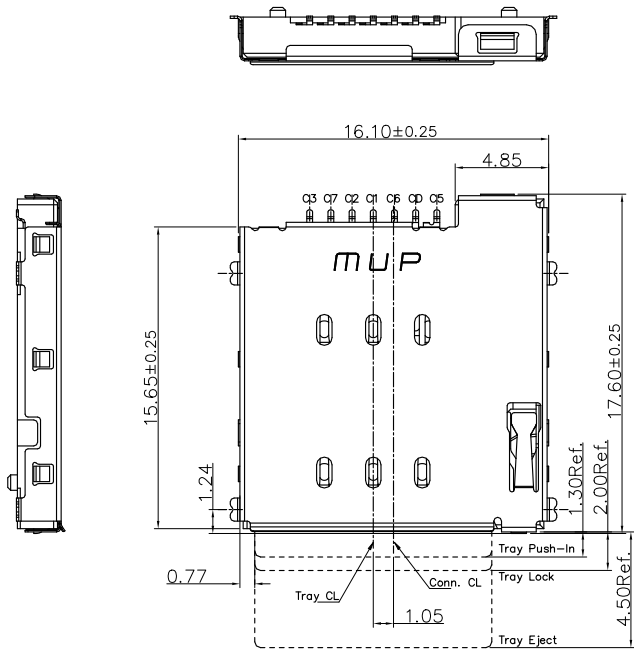
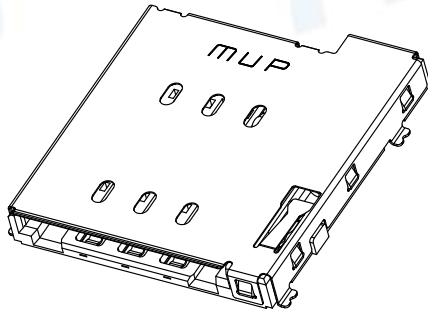


| REV. | DESCRIPTION OF REVISIONS | APPR. | CHKD. | DRAW. | DATE      |
|------|--------------------------|-------|-------|-------|-----------|
| 1    | NEW                      |       |       | Henry | 2025/12/5 |
| 2    |                          |       |       |       |           |



RECOMMENDED P.C.B LAYOUT  
COMPONENT SIDE(TOLERANCE ±0.05)  
Recommending of solder paste thickness > 0.15mm  
PAD AREA KEEP OUT AREA  
CONNECTOR OUTLINE



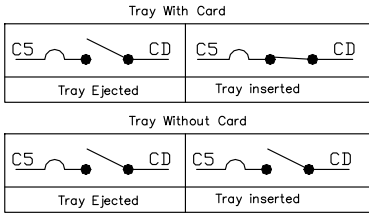
TECHNICAL CHARACTERISTICS

- 1.General Characteristics  
Dimensions:L16.1\*W17.6\*H2.3mm  
Weight:Approx 0.65 g  
Durability:3000 cycles min.
- 2.Electrical Characteristics  
Contact resistance: 100 mΩ max  
Insulation resistance:>1000 MΩ/ 500V DC
- 3.Solderability  
IR reflow: 250°C.5sec.Max  
Manual soldering: 350°C,3sec.Max
- 4.Environmental Characteristics  
Operating temperature:-40°C~+85°C  
Operating humidity:10%~+95%RH

This part is a connector only, it should be used together with Nano SIM Tray (C7825-31)

Pin out & Card detect switch status.

| PIN NO. | FUNCTION           |
|---------|--------------------|
| C1      | VCC                |
| C2      | RST                |
| C3      | CLK                |
| C5      | GND                |
| C6      | VPP                |
| C7      | I/O                |
| CD      | Card Detect Switch |



| ITEM | PART NAME | Q'TY | MATERIAL            | FINISH                    |
|------|-----------|------|---------------------|---------------------------|
| 1    | HOUSING   | 1    | LCP, UL94V-0 ,Black |                           |
| 2    | CONTACT   | 6+1  | Copper alloy        | Contact area:5u"Au plated |
| 3    | SHELL     | 1    | Stainless Steel     | Solder area:Gold plated   |
| 4    | SLIDER    | 1    | LCP, UL94V-0 ,Black |                           |
| 5    | SPRING    | 1    | SWP-B               | Nickel plated             |
| 6    | LINK      | 1    | Stainless Steel     |                           |

Unless otherwise specified, other tolerance are:

X ±0.35

X.X ±0.25

X.XX ±0.15

X.XXX ±0.10

X\* ±5\*

X.X\* ±4\*

X.XX\* ±3\*

X.XXX\* ±2\*

NAME: SIM Card Connector

MODEL NO: MUP-C7825-01

TYPE : Nano SIM 6P Tray-Push Push Lock

PROJ.

UNIT mm

SCALE 1:1

CUSTOMER DRAWING

APPROVAL

Simon 2025/12/5

DWG NO.: DWG-C7825-01-01

SHEET 1/2

REVISION 1

MUP INDUSTRIAL CO.,LTD.

Henry 2025/12/5

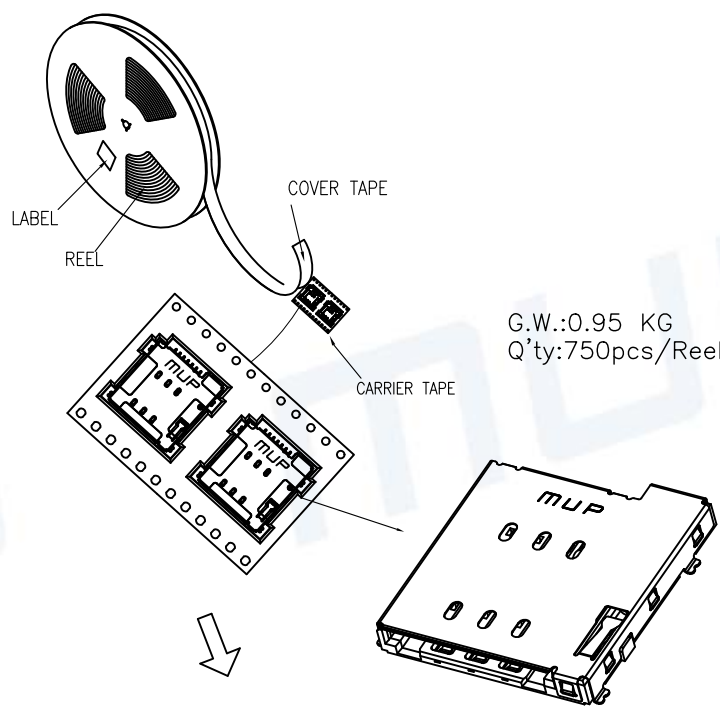
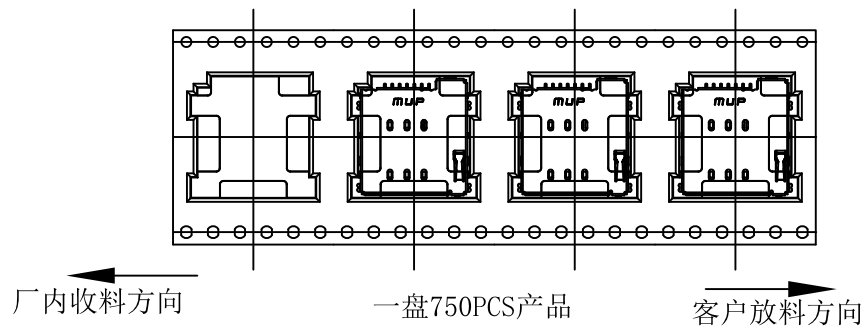
Henry 2025/12/5



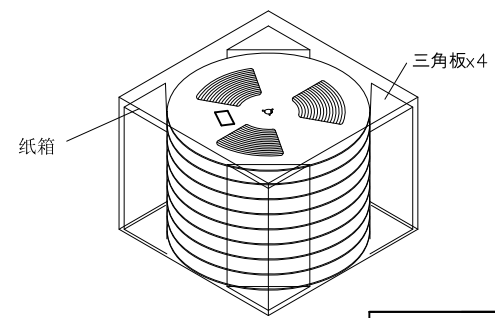
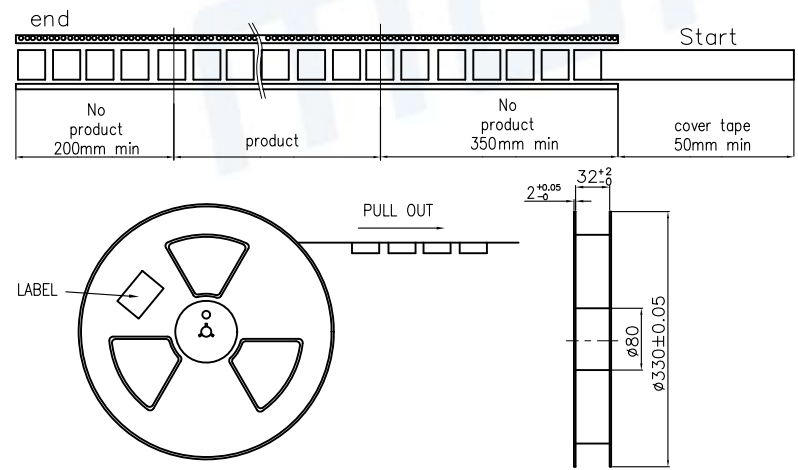
| REV. | DESCRIPTION OF REVISIONS | APPR. | CHKD. | DRAW. | DATE      |
|------|--------------------------|-------|-------|-------|-----------|
| △    | NEW                      |       |       | Henry | 2025/12/5 |
| △    |                          |       |       |       |           |

Carrier Dimensions Diagram:

Pull out direction →



Reel Form Diagram:



N.W.:3.9 KG  
G.W.:8.4KG  
Q'ty :6000 pcs per Carton (8 Reel set in order)  
Meas : 35.00L×35.00W×31.50H cm

|                                                   |            |                                                |                                                    |                 |                                                    |
|---------------------------------------------------|------------|------------------------------------------------|----------------------------------------------------|-----------------|----------------------------------------------------|
| Unless otherwise specified, other tolerance are:  |            |                                                | <div>MUP<sup>®</sup> MUP INDUSTRIAL CO.,LTD.</div> |                 |                                                    |
| X ±0.35                                           | X* ±5*     | NAME: SIM Card Connector                       |                                                    |                 |                                                    |
| X.X ±0.25                                         | X.X* ±4*   | MODEL NO: MUP-C7825-01                         |                                                    |                 |                                                    |
| X.XX ±0.15                                        | X.XX* ±3*  | TYPE : Nano SIM 6P Tray-Push Push Lock PACKING |                                                    |                 |                                                    |
| X.XXX ±0.10                                       | X.XXX* ±2* |                                                |                                                    |                 |                                                    |
| <div>PROJ.<div><div></div><div></div></div></div> | UNIT<br>mm | SCALE<br>1:1                                   | DRAWN                                              | Henry 2025/12/5 | DWG NO. :<br><br>DWG-C7825-01-01                   |
|                                                   |            |                                                | CHECKED                                            | Henry 2025/12/5 |                                                    |
| CUSTOMER DRAWING                                  |            |                                                | APPROVAL                                           | Simon 2025/12/5 | <div>SHEET<br/>2/2</div> <div>REVISION<br/>1</div> |

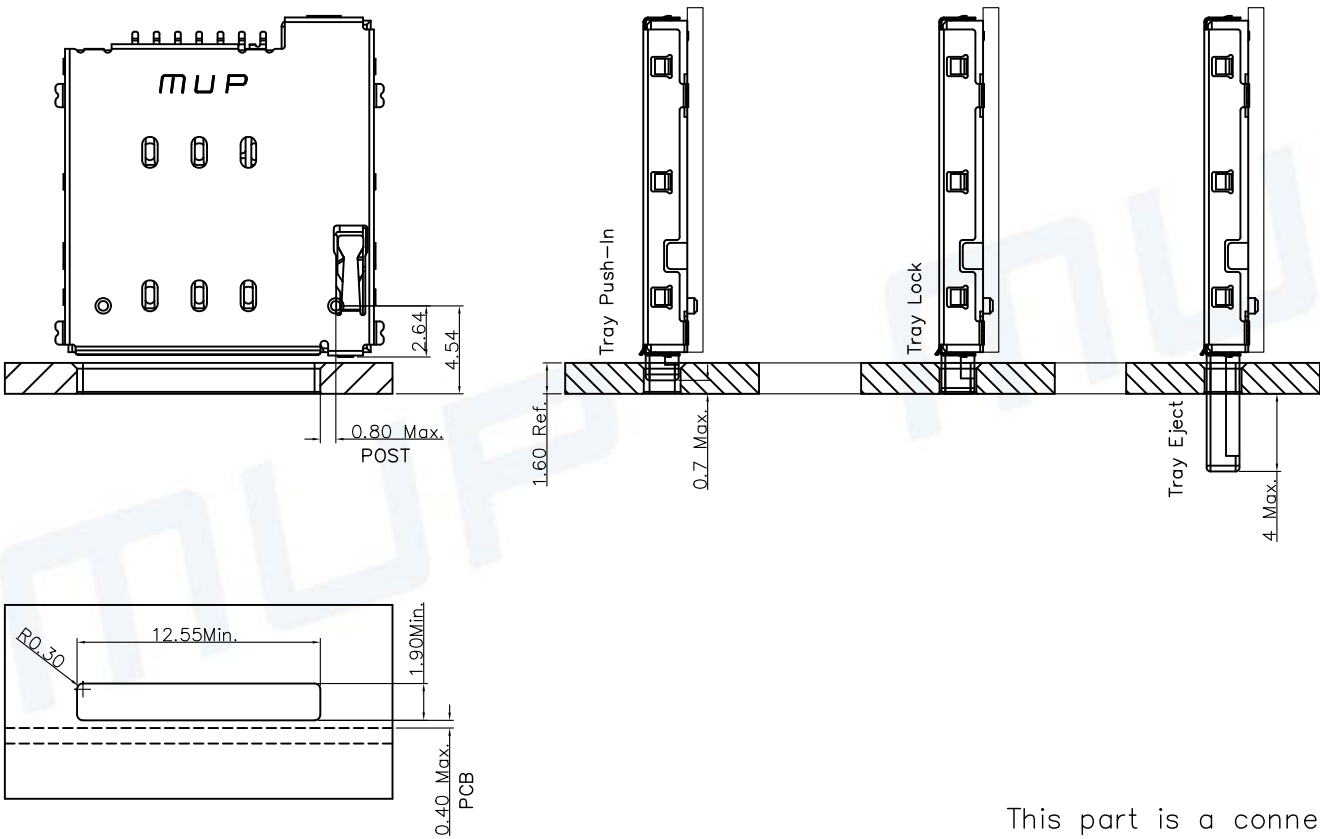


| 6    | 7                        | 8     |
|------|--------------------------|-------|
| REV. | DESCRIPTION OF REVISIONS | APPR. |
| △    | NEW                      |       |
| △    |                          |       |

| CHKD. | DRAW. | DATE      |
|-------|-------|-----------|
|       | Henry | 2025/12/5 |
|       |       |           |

Instruction Manual

Recommended Panel Cut:



This part is a connector only, it should be used together with Nano SIM Tray (C7825-31)



|                                                  |       |        |                                                |                                               |           |                 |
|--------------------------------------------------|-------|--------|------------------------------------------------|-----------------------------------------------|-----------|-----------------|
| Unless otherwise specified, other tolerance are: |       |        | <b>MUP<sup>®</sup> MUP INDUSTRIAL CO.,LTD.</b> |                                               |           |                 |
| X                                                | ±0.35 | X*     | ±5°                                            | NAME: <b>SIM Card Connector</b>               |           |                 |
| X.X                                              | ±0.25 | X.X*   | ±4°                                            | MODEL NO: <b>MUP-C7825-01</b>                 |           |                 |
| X.XX                                             | ±0.15 | X.XX*  | ±3°                                            | TYPE : <b>Nano SIM 6P Tray-Push Push Lock</b> |           |                 |
| X.XXX                                            | ±0.10 | X.XXX* | ±2°                                            |                                               |           |                 |
| PROJ.                                            | UNIT  | SCALE  | DRAWN                                          | Henry                                         | 2025/12/5 | DWG NO.:        |
| ⊕                                                | mm    | 1:1    | CHECKED                                        | Henry                                         | 2025/12/5 | DWG-C7825-01-01 |
| CUSTOMER DRAWING                                 |       |        | APPROVAL                                       | Simon                                         | 2025/12/5 | SHEET           |
|                                                  |       |        |                                                |                                               | 1/1       | REVISION        |
|                                                  |       |        |                                                |                                               |           | 1               |