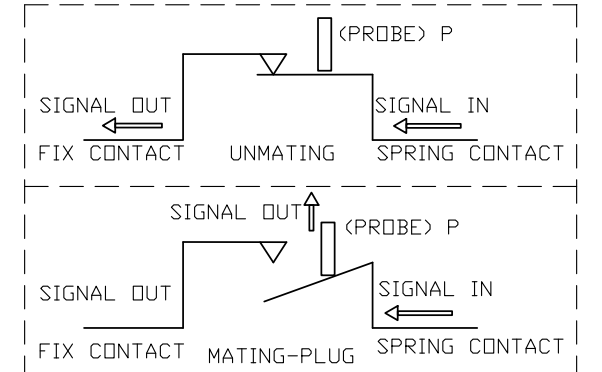
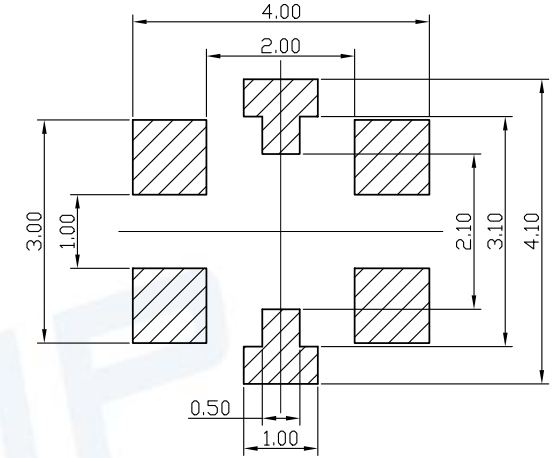
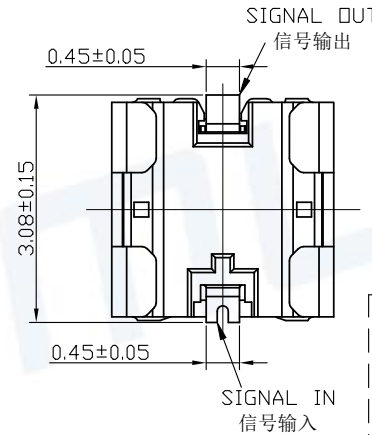
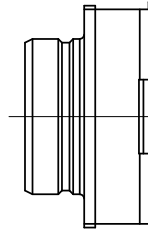
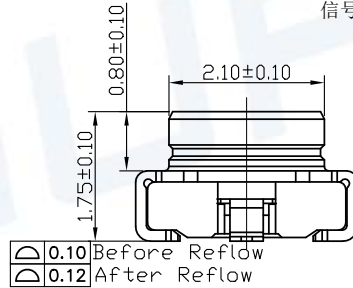
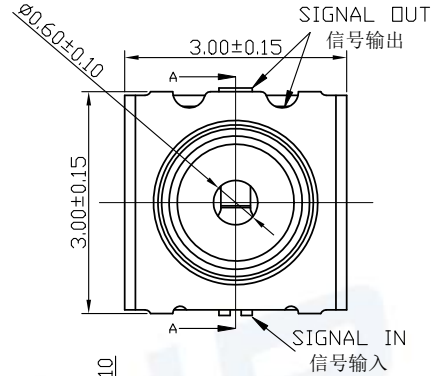
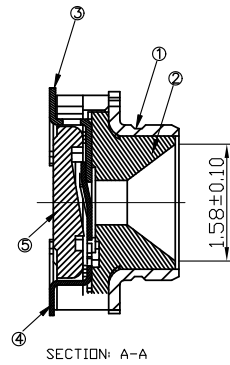
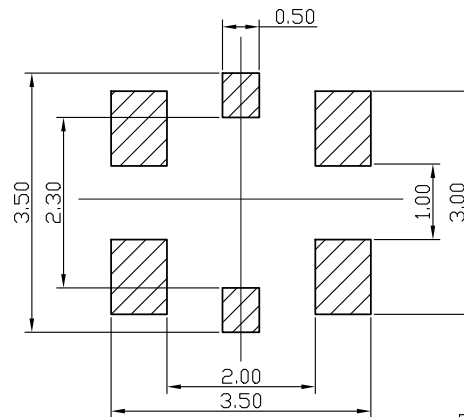


| REV. | DESCRIPTION OF REVISIONS | APPR. | CHKD. | DRAW. | DATE       |
|------|--------------------------|-------|-------|-------|------------|
| △    | New Release              |       |       | DING  | 2023/05/25 |
| △    | update drawing           |       |       | DING  | 2023/04/02 |



#### NOTES:

- Frequency Range DC~11GHz
- Impedance 150mΩ
- Power Rating 2W
- Operating Temperature -40℃~+85℃
- Insulation Resistance 500MΩ min.
- Withstanding Voltage 300V AC & 1minute
- Initial Contact Resistance 50mΩ max.  
(Without conductor resistance)
- Voltage Standing Wave Ratio(VSWR)
  - max.(DC~3GHz) 1.3 max.(3~6GHz)
  - max.(6~11GHz)
- Insertion loss
  - 0.10dBmax.(DC~3GHz) 0.20dBmax.(3~6GHz)
  - 0.60dBmax.(6~11GHz)
- Isolation
  - 20 dBmin.(DC~3GHz) 15 dBmin.(3~6GHz)
  - 10 dBmin.(6~11GHz)
- Durability 500 cycles
- IR Reflow Cycle: 2 cycles



| ITEM | PART NAME      | Q'TY | MATERIAL     | FINISH               |
|------|----------------|------|--------------|----------------------|
| 1    | SHELL          | 1    | COPPER ALLOY | Au 1u"plated over Ni |
| 2    | Molding        | 1    | LCP          | Black UL94V-0        |
| 3    | FIX CONTACT    | 1    | SUS          | Contact area Au 3u", |
| 4    | Spring CONTACT | 1    | SUS          | Contact area Au 3u", |
| 5    | Cover HOUSING  | 1    | LCP          | Black UL94V-0        |

Unless otherwise specified, other tolerance are:

|       |       |        |     |
|-------|-------|--------|-----|
| X     | ±0.35 | X*     | ±5° |
| X.X   | ±0.25 | X.X*   | ±4° |
| X.XX  | ±0.15 | X.XX*  | ±3° |
| X.XXX | ±0.10 | X.XXX* | ±2° |

|       |      |       |
|-------|------|-------|
| PROJ. | UNIT | SCALE |
| MM    | MM   | 1:1   |

CUSTOMER DRAWING

**MUP** MUP INDUSTRIAL CO.,LTD.

NAME: **RF I Switch Connector**

MODEL NO: **MUP-R4101-02**

TYPE: **H=1.75mm SMT**

DRAWN: DING 2023/05/25

CHECKED: DING 2023/05/25

APPROVAL: WANG 2023/05/25

DWG NO.: **DWG-R4101-02-01**

SHEET 1/1

REVISION 2