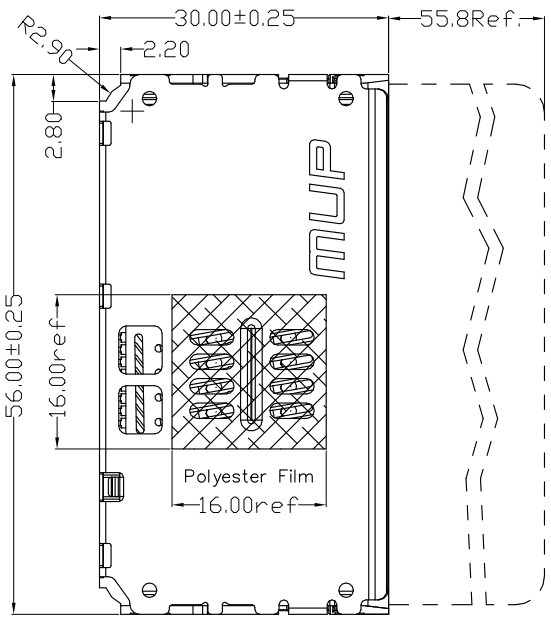
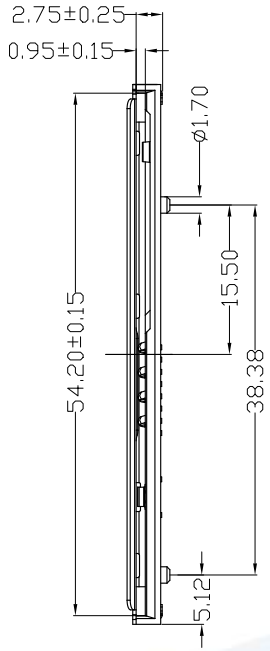
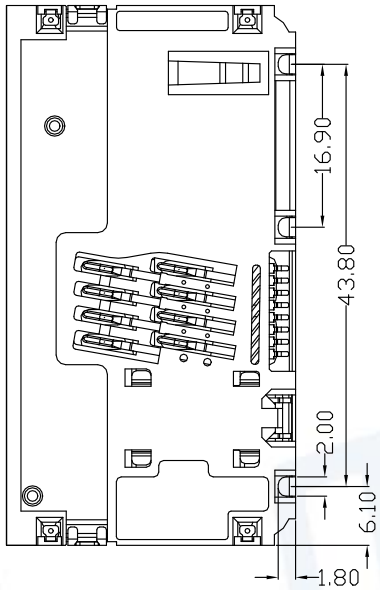
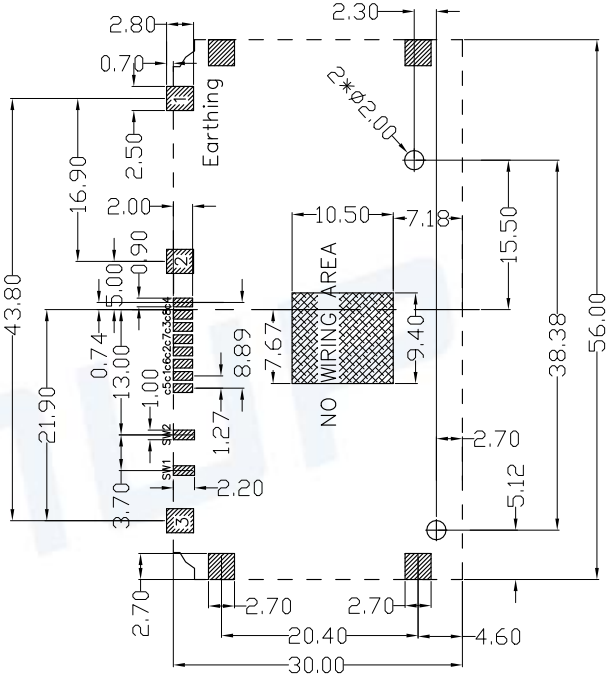
REV.	DESCRIPTION OF REVISIONS	APPR.	CHEC.	DRAW.	DATE
1	NEW			Jick	2022/08/23
2	Original Model C8620-1			Keey	2023/10/19





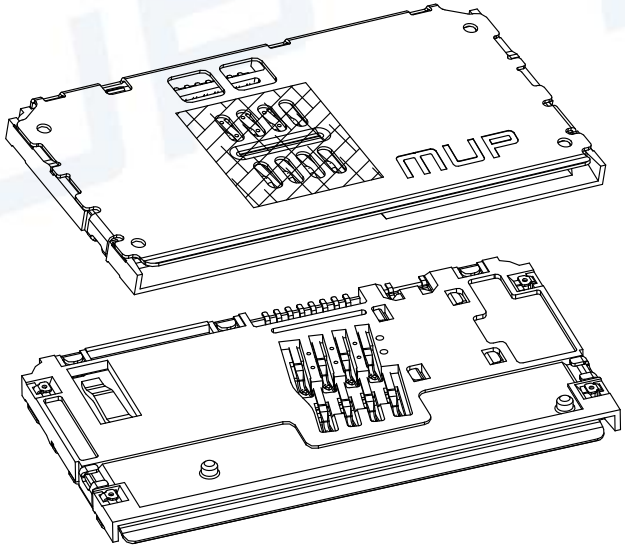




RECOMMENDED P.C.B LAYOUT

COMPONENT SIDE(TOLERANCE ±0.05)
Coplanarity of metal solder pins 0.15mm
Recommendating of solder paste thickness > 0.15mm
(Earthing1.2.3.)Single Solderability

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	
6	LATCH	4	Brass	Plated:Tin over all

TECHNICAL CHARACTERISTICS

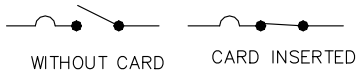
1.General Characteristics
- Dimensions: 56.0LX30.0WX3.59H mm
- Weight: Approx7.5±0.5g
- Durability: 500,000 cycles min.

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

Pb RoHS PROCESS COMPLIANT

Unless otherwise specified, other tolerance are:

X	±0.45	X°	±5°
X.X	±0.35	X.X°	±4°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.10	X.XXX°	±2°

PROJ. | UNIT mm | SCALE 1:1

CUSTOMER DRAWING

MUP® MUP INDUSTRIAL CO.,LTD.

NAME: **Smart Card Connector**

MODEL NO: **MUP-C8620 -01**

TYPE : **Normally open (Sealed SW)**

DRAWN	Jick	2022/08/23	DWG NO.: DWG-C8620-01-01
CHECKED	Keey	2022/08/23	SHEET 1/1 / REVISION 2
APPROVAL	Simon	2022/08/23	