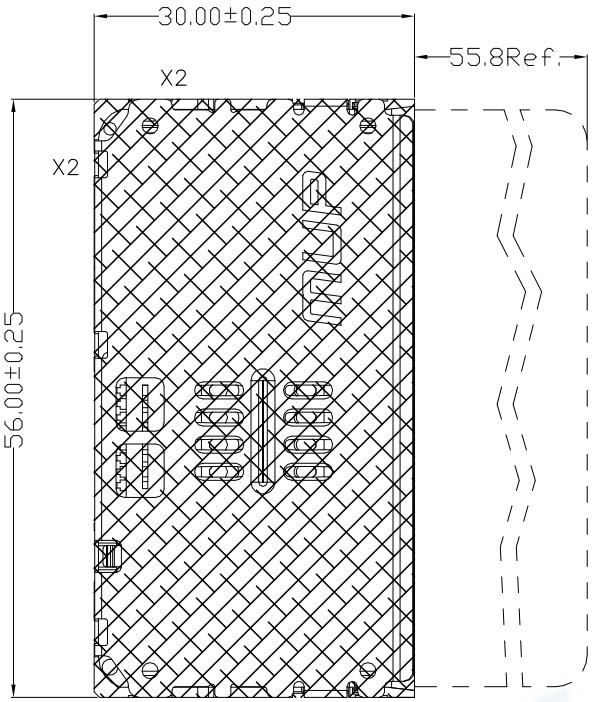
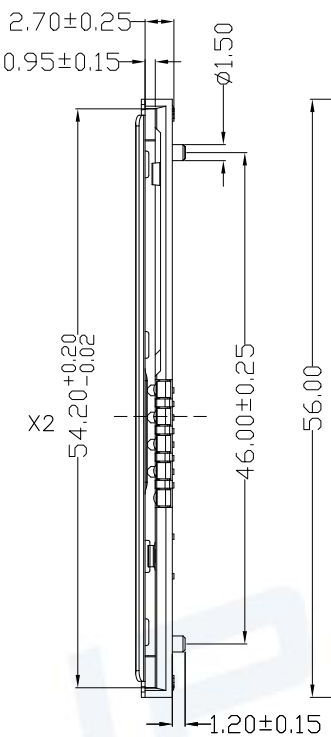
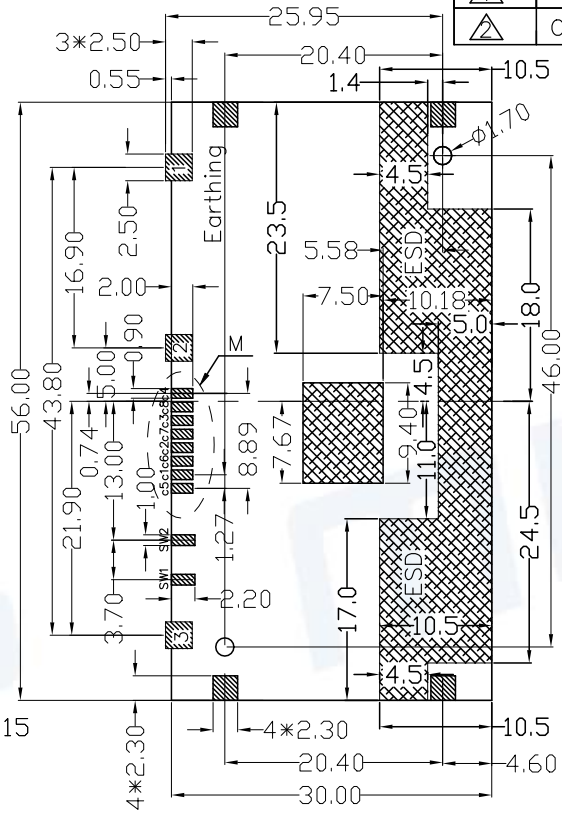
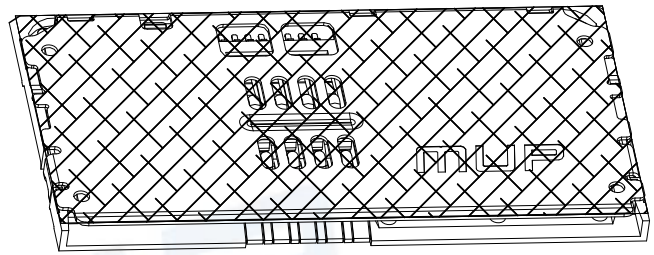
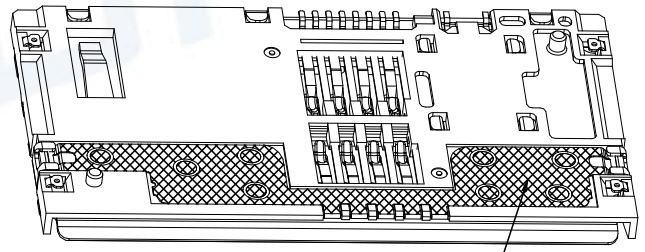
REV.	DESCRIPTION OF REVISIONS	APPR.	CHEC.	DRAW.	DATE
1	NEW			Zoey	2020/12/30
2	Original Model C8607-1			Jicks	2023/10/19

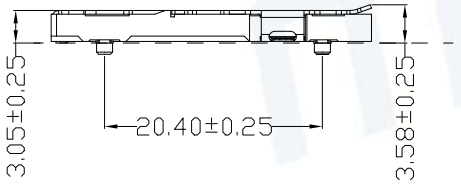


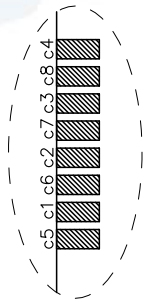












DETAIL M
SCALE 2:1

RECOMMENDED P.C.B LAYOUT

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

PAD AREA
STAND OFF AREA
(禁止走线/禁止摆件)

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:Gold plated
4	SWITCH CONTACT	1		Contact area:Silver plated
5	FLAKE	1	SUS	
6	LATCH	4	Brass	Plated:Tin over all
7	ESD	1	SUS	Plated:Tin over all

TECHNICAL CHARACTERISTICS

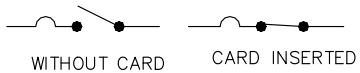
1.General Characteristics
Dimensions: 56.0LX30.0WX3.58H mm
Weight: Approx7.5±0.5g
Durability: 500,000 cycles min.

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

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-C8607 -01
TYPE : Normally open (Sealed SW)

DRAWN	Zoey 2020 12 30	DWG NO.: DWG-C8607-01-01
CHECKED	Keey 2021 03 18	SHEET 1/1
APPROVAL	Simon 2021 03 18	REVISION 2