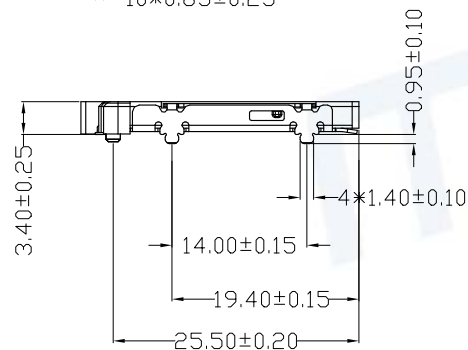
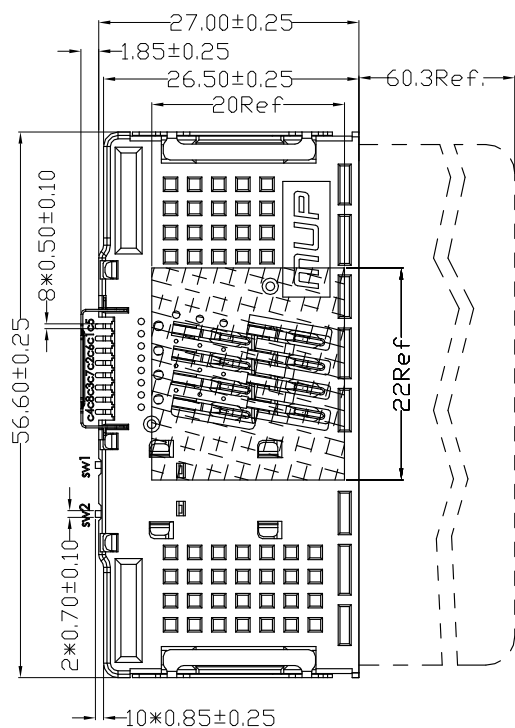
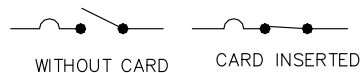




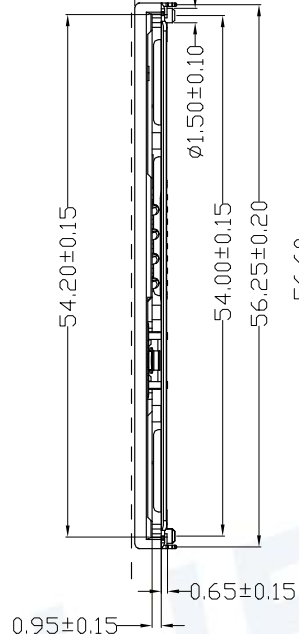
ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM

Enclosure fit clearance

0.30min



RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE(TOLERANCE ±0.05)
Coplanarity of metal solder pins ≤0.10mm
Recommendation of solder paste thickness > 0.20mm
PAD AREA STAND OFF AREA

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 56.60LX27.00WX3.40H mm

Weight: Approx7.5±0.5g

Durability: 500,000 cycles min.

Contact force : 0.2~0.60 N.(EMV spec)

2.Electrical Characteristics

Contact resistance: 100mΩ typical, 200mΩ max

Insulation resistance: >1000MΩ/500V DC

3.Solderability

IR reflow: 260°C. 10sec.Max

Manual soldering: 400°C, 5sec.Max

4.Environmental Characteristics

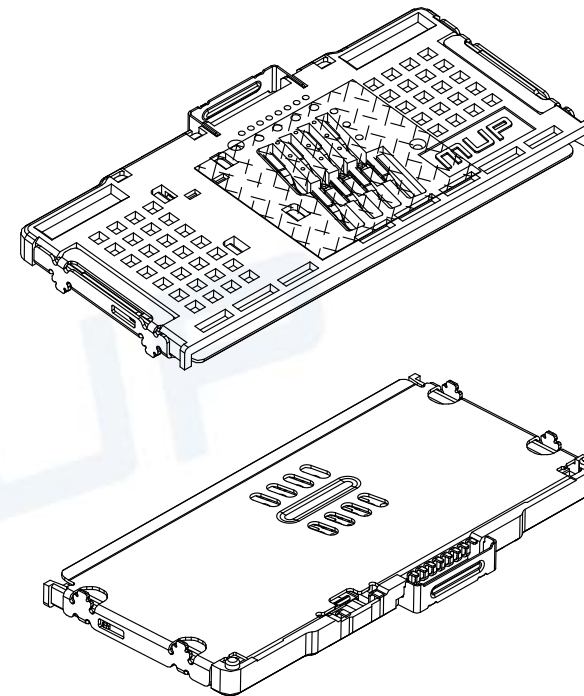
Operating temperature: -40°C~+85°C

Operating humidity: 10%~+95%RH



PROCESS COMPLIANT

REV.	DESCRIPTION OF REVISIONS	APPR.	CHEC.	DRAW.	DATE
△	NEW			Zoey	2022/11/15
△	Original Model C8622-1			Jicks	2023/10/19



ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	BASE	1	Hi-temp Thermoplastic	Black UL94V-0
2	COVER	1	SUS	Ni 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	GUARD	1	Copper-Nickel Alloy	

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	SCALE
mm	1:1	

CUSTOMER DRAWING

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **Smart Card Connector**

MODEL NO: **MUP-C8622-01**

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

DRAWN	Zoey	2022/11/15
CHECKED	Keey	2022/11/15
APPROVAL	Simon	2022/11/15

DWG NO.:	DWG-C8622-01-01
SHEET	1/1
REVISION	2