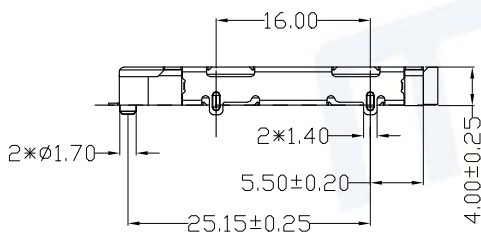
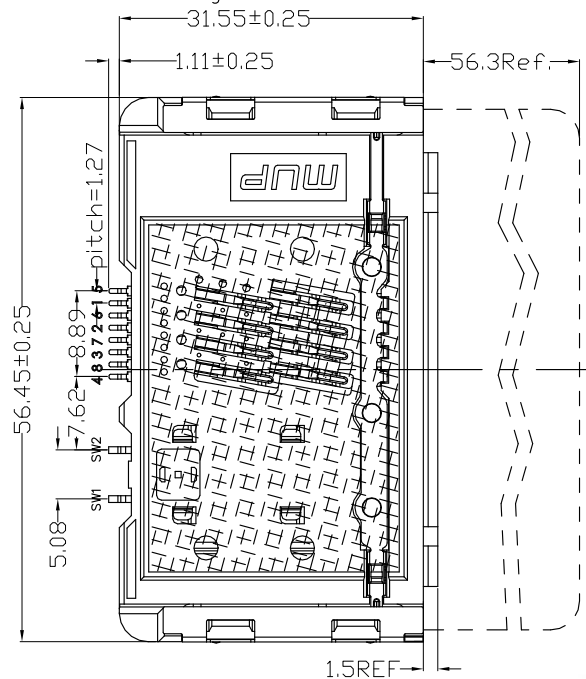
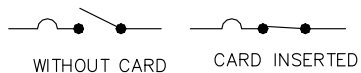




The waterproof level SMT is reduced after high temperature manual welding is recommended



ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 56.45LX31.55WX4.00H mm

Weight: Approx9.4±0.5g

Durability:500,000 cycles min.

2.Electrical Characteristics

Contact resistance:100mΩ max

Insulation resistance:1000MΩ min

3.Solderability

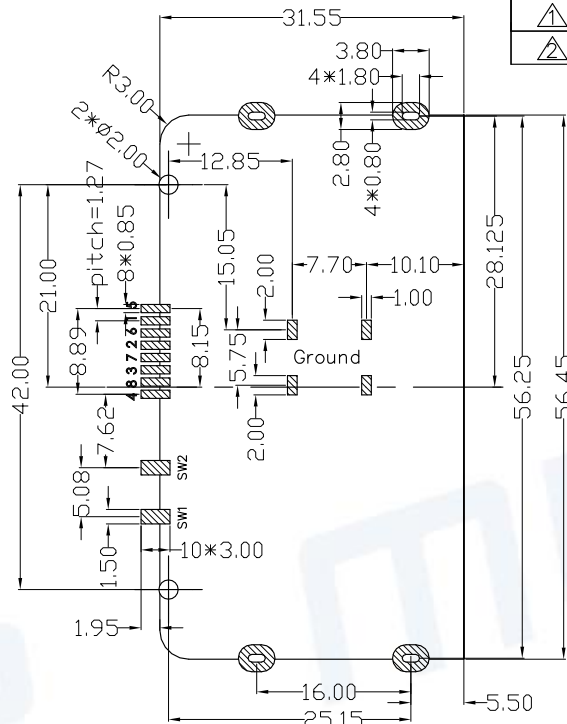
IR reflow: 260°C.10sec.Max

Manual soldering: 400°C,5sec.Max

4.Environmental Characteristics

Operating temperature: -40°C~+85°C

Operating humidity:10%~+95%RH



RECOMMENDED P.C.B LAYOUT

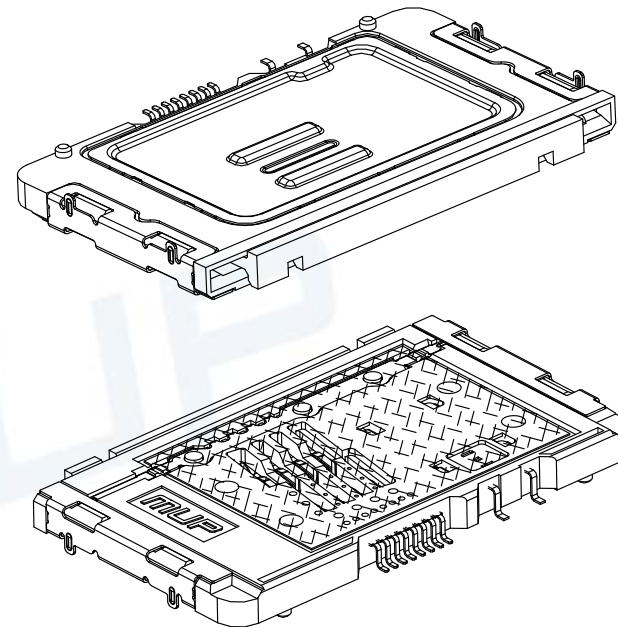
COMPONENT SIDE(TOLERANCE ±0.05)

Coplanarity of metal solder pins 0.15mm

Recommending of solder paste thickness > 0.15mm

▨ PAD AREA

▩ STAND OFF AREA



ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	BASE	1	Hi-temp Thermoplastic	Black UL94V-0
2	PLUG	1	Hi-temp Thermoplastic	Black UL94V-0
3	COVER	1	SUS	
4	DATA CONTACT	8	Copper Alloy	Contact area:15u"Au plated
5	FLAKE	1	SUS	
6	LATCH	2	SUS	Plated:Tin over all
7	SWITCH CONTACT	1		Contact area:Silver plated

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	mm	1:1

CUSTOMER DRAWING

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **Smart Card Connector**

MODEL NO: **MUP-C8618-05**

TYPE: **Normally open (IP54)**

DRAWN	Zoey	2023/09/01
CHECKED	Keey	2023/09/01
APPROVAL	Simon	2023/09/01

DWG NO.:	DWG-C8618-05-01
SHEET	1/1
REVISION	1