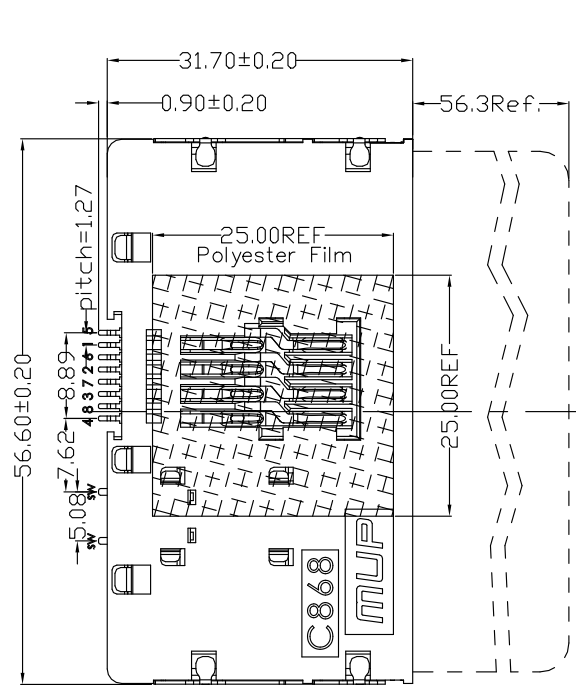


ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 56.60LX31.70WX4.00H mm

Weight: Approx9.5±0.5g

Durability:500,000 cycles min.

2.Electrical Characteristics

Contact resistance:100mΩ max

Insulation resistance:1000MΩ min

3.Solderability

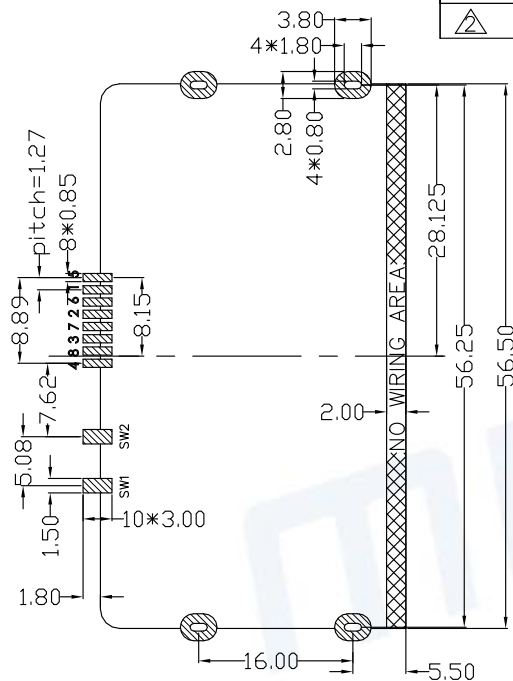
IR reflow: 260°C.10sec.Max

Manual soldering: 400°C,5sec.Max

4.Environmental Characteristics

Operating temperature: -40°C~+70°C

Operating humidity:10%~+95%RH



RECOMMENDED P.C.B LAYOUT

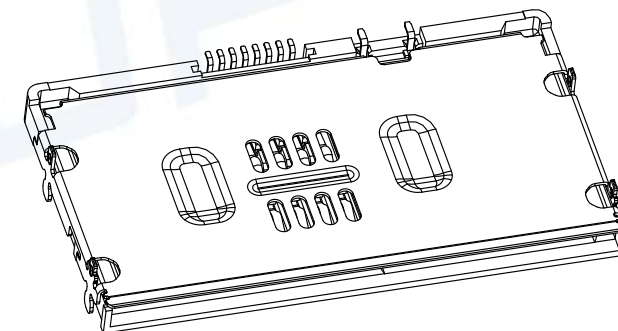
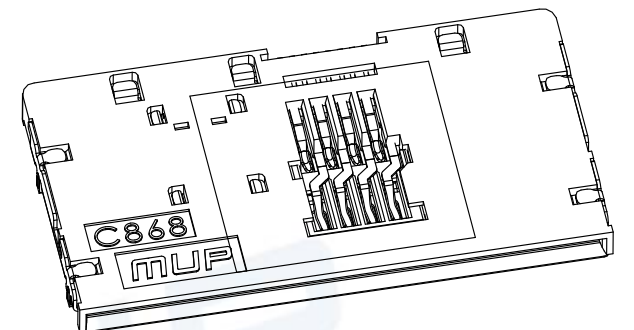
COMPONENT SIDE(TOLERANCE ±0.05)

Coplanarity of metal solder pins 0.12mm

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	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	SLIDE	1	Hi-temp Thermoplastic	Black UL94V-0

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-C8068-05**

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

DRAWN	Zoey	2022 01 20
CHECKED	Keyy	2022 01 20
APPROVAL	Simon	2022 01 20

DWG NO.:	DWG-C8068-05-01
SHEET	1/1
REVISION	2