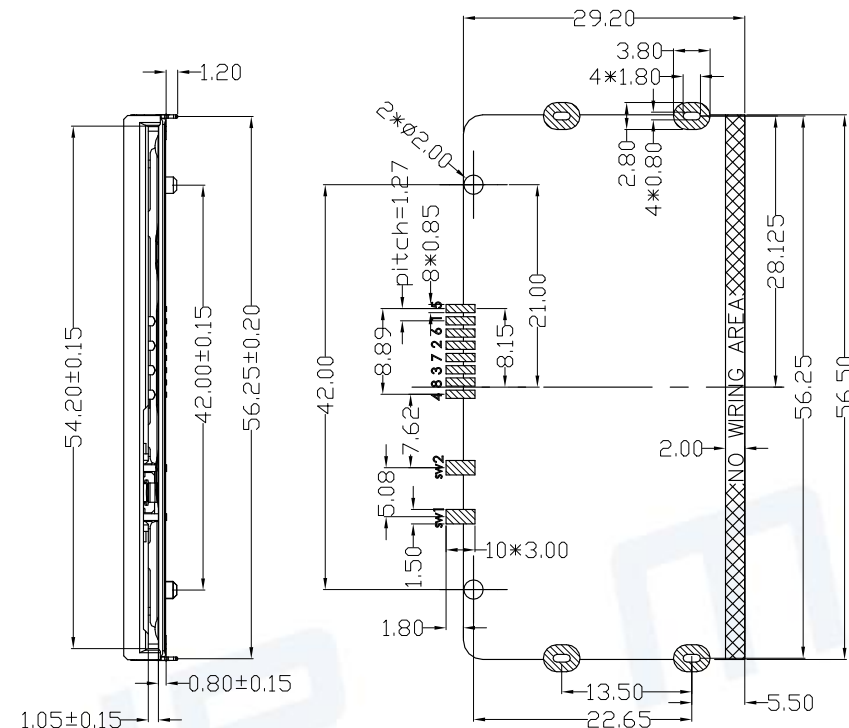
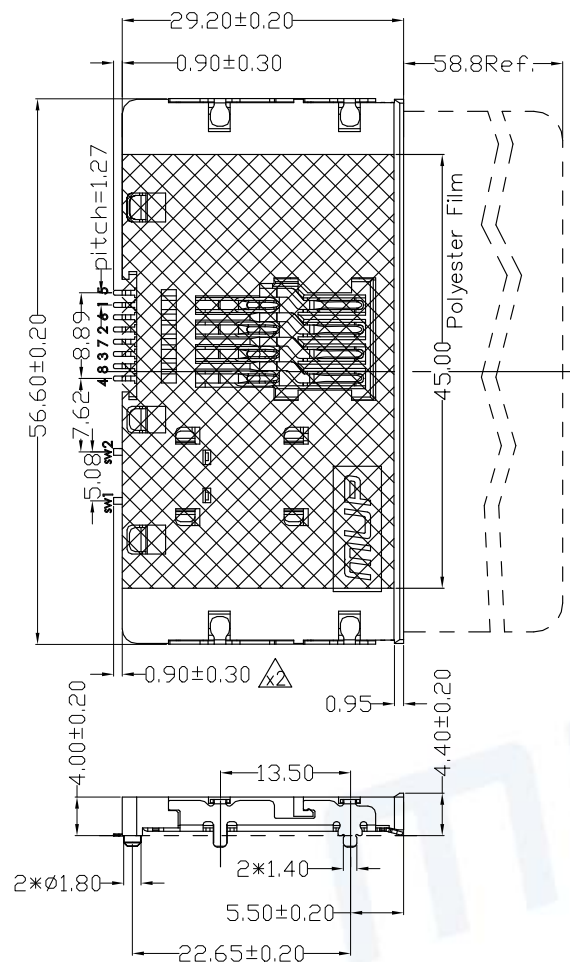




RECOMMENDED P.C.B LAYOUT

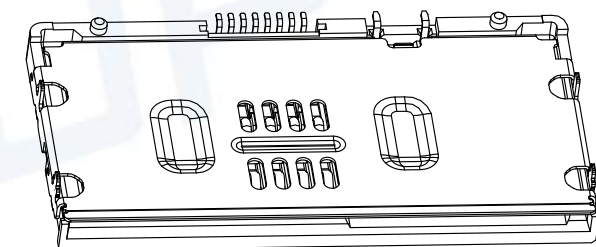
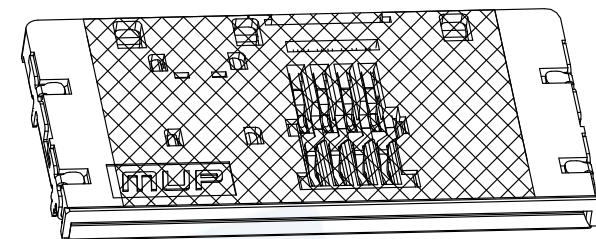
COMPONENT SIDE(TOLERANCE ± 0.05)

Coplanarity of metal solder pins 0.15mm

Recommending of solder paste thickness $> 0.15\text{mm}$

▨ PAD AREA ▩ STAND OFF AREA

REV.	DESCRIPTION OF REVISIONS	APPR.	CHEC.	DRAW.	DATE
1	NEW			Jick	2020/02/26
2	Original Model C8605-1			Keey	2023/10/19



TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 56.60LX29.20WX4.00H mm

Weight: Approx9.0 $\pm$ 0.5g

Durability:500,000 cycles min.

2.Electrical Characteristics

Contact resistance:100m Ω max

Insulation resistance:1000M Ω 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

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

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM



PROCESS COMPLIANT

Unless otherwise specified, other tolerance are:

X	± 0.45	X*	$\pm 5^{\circ}$
X.X	± 0.35	X.X*	$\pm 4^{\circ}$
X.XX	± 0.25	X.XX*	$\pm 3^{\circ}$
X.XXX	± 0.10	X.XXX*	$\pm 2^{\circ}$

PROJ.	UNIT	SCALE
mm	mm	1:1

CUSTOMER DRAWING

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **Smart Card Connector**

MODEL NO: **MUP-C8605-01**

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

DRAWN	Jick	2020 02 26
CHECKED	Keey	2020 02 26
APPROVAL	Simon	2020 02 26

DWG NO.:	DWG-C8605-01-01
SHEET	1/1
REVISION	2