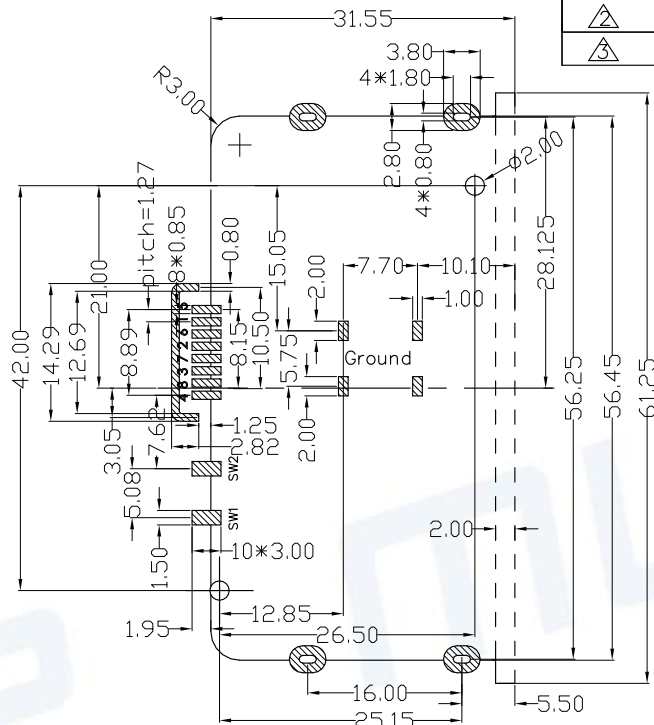
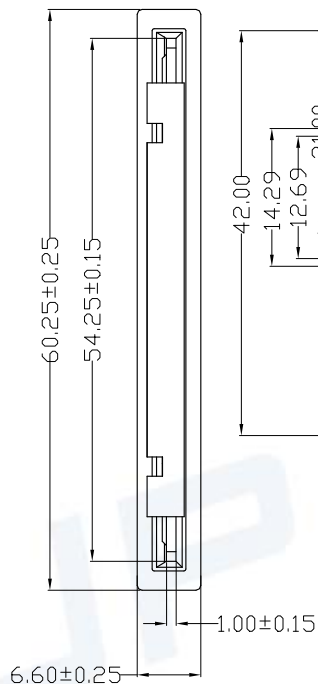
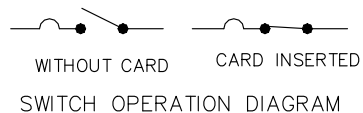


ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



RECOMMENDED P.C.B LAYOUT

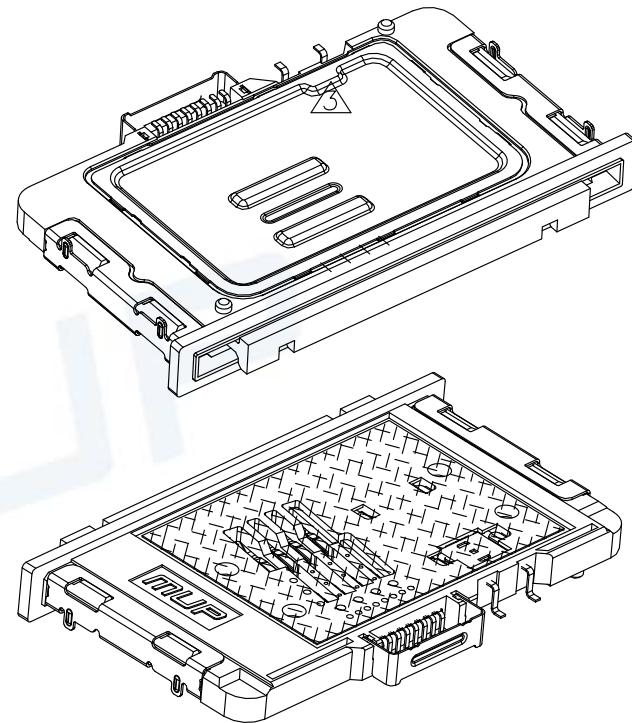
COMPONENT SIDE(TOLERANCE ± 0.05)

Coplanarity of metal solder pins 0.15mm

Recommending of solder paste thickness > 0.15mm

 PAD AREA

 STAND OFF AREA



TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 60.25LX35.72WX6.60H mm

Weight: Approx 11.5 ± 0.5 g

Durability: 500,000 cycles min.

2. Electrical Characteristics

Contact resistance: 100mΩ 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: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Operating humidity: 10%~+95%RH



REV.	DESCRIPTION OF REVISIONS	APPR.	CHEC.	DRAW.	DATE
2	Original Model C8618-4			Jicks	2023/10/19
3	switch four legs with glue to reduce exposure			Zoey	2025/02/12

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
8	GUARD	1	Copper-Nickel Alloy	

Unless otherwise specified, other tolerance are:

®
MUP MUP INDUSTRIAL CO.,LTD.

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*	$\pm 2^{\circ}$

NAME: _____

Smart Card Connector

MODEL NO:

MUP-C8618-04

TYPE :

Normally open (IP65)

PROJ.	UNIT	SCALE
	mm	1:1

CUSTOMER DRAWING

DRAWN	Zoey	2025/02/12
CHECKED	Keey	2025/02/12
APPROVAL	Simon	2025/02/12

DWG NO. :	
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DWG-C8618-04-01

SHEET	REVISION
1/1	3