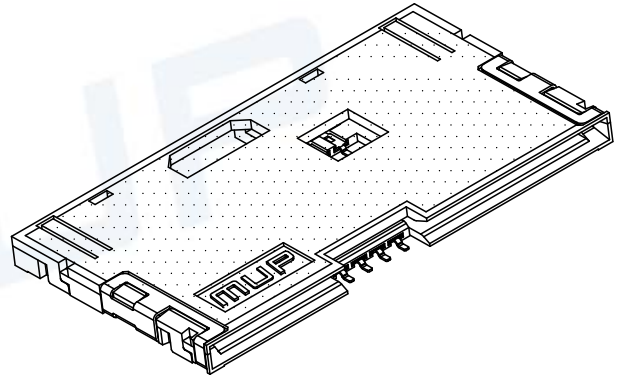
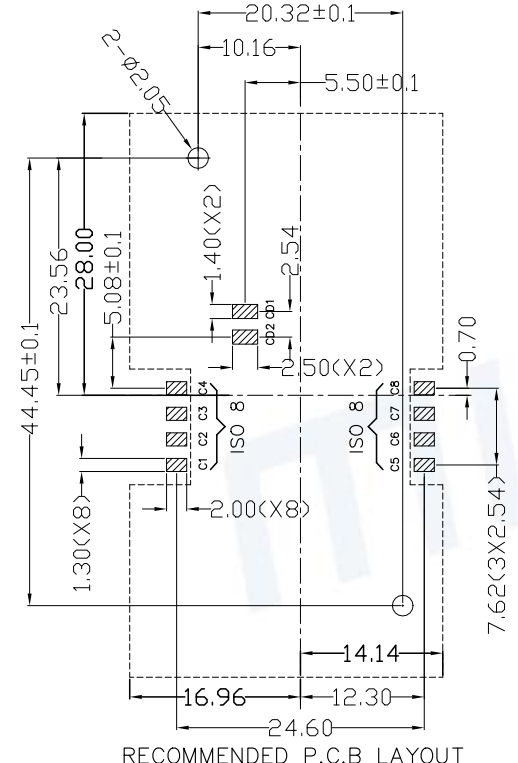
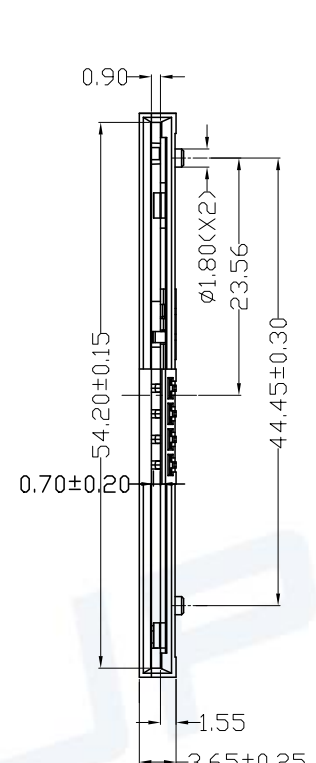
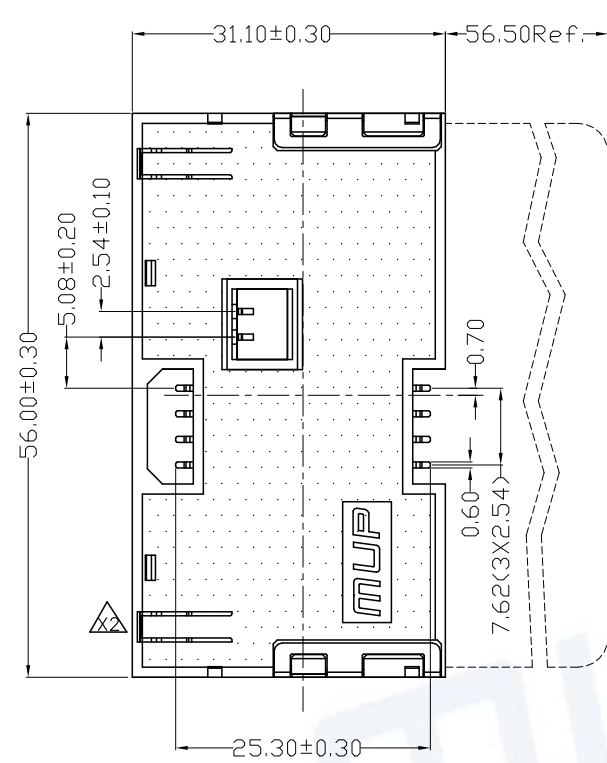


6	7	8
REV.	DESCRIPTION OF REVISIONS	APPR. CHEC. DRAW. DATE
△	NEW	Zoey 2011/11/07
△	Original Model C837-1	Keey 2023/10/19



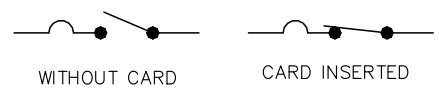
RECOMMENDED P.C.B LAYOUT

COMPONENT SIDE(TOLERANCE ±0.05)
Coplanarity of metal solder pins≤0.15mm
Recommending of solder paste thickness>0.15mm

TECHNICAL CHARACTERISTICS

- General Characteristics
Dimensions: 56.0LX31.10WX3.65H mm
Weight: Approx6.21±0.5g
Durability: 100,000 cycles min.
- Electrical Characteristics
contact resistance: 50mΩ typical, 100mΩ max
insulation resistance: >1000MΩ/500V DC
- Solderability
IR reflow: 260°C.10Sec.Max
Manual soldering: 370°C, 3sec.Max
- Environmental Characteristics
Operating temperature: -40°C~+85°C
Operating humidity: 10%~+95%RH

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	BASE	1	Hi-temp Thermoplastic	Black UL94V-0
2	COVER	1	Hi-temp Thermoplastic	Black UL94V-0
3	DATA CONTACT	8	Copper Alloy	Contact area:Gold plated
4	SWITCH CONTACT 2	1	Copper Alloy	Contact area:Gold plated
5	SWITCH CONTACT 1	1	Copper Alloy	Contact area:Gold plated
6	HOLDER	2	Stainless Steel	

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°

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **Smart Card Connector**

MODEL NO: **MUP-C8037-01**

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

PROJ.	UNIT	SCALE	DRAWN	Zoey 2011/11/07	DWG NO.:
CUSTOMER DRAWING	MM	1:1	CHECKED	Keey 2011/11/07	DWG-C8037-01-01
			APPROVAL	Simon2011/11/07	SHEET 1/1
					REVISION 2

