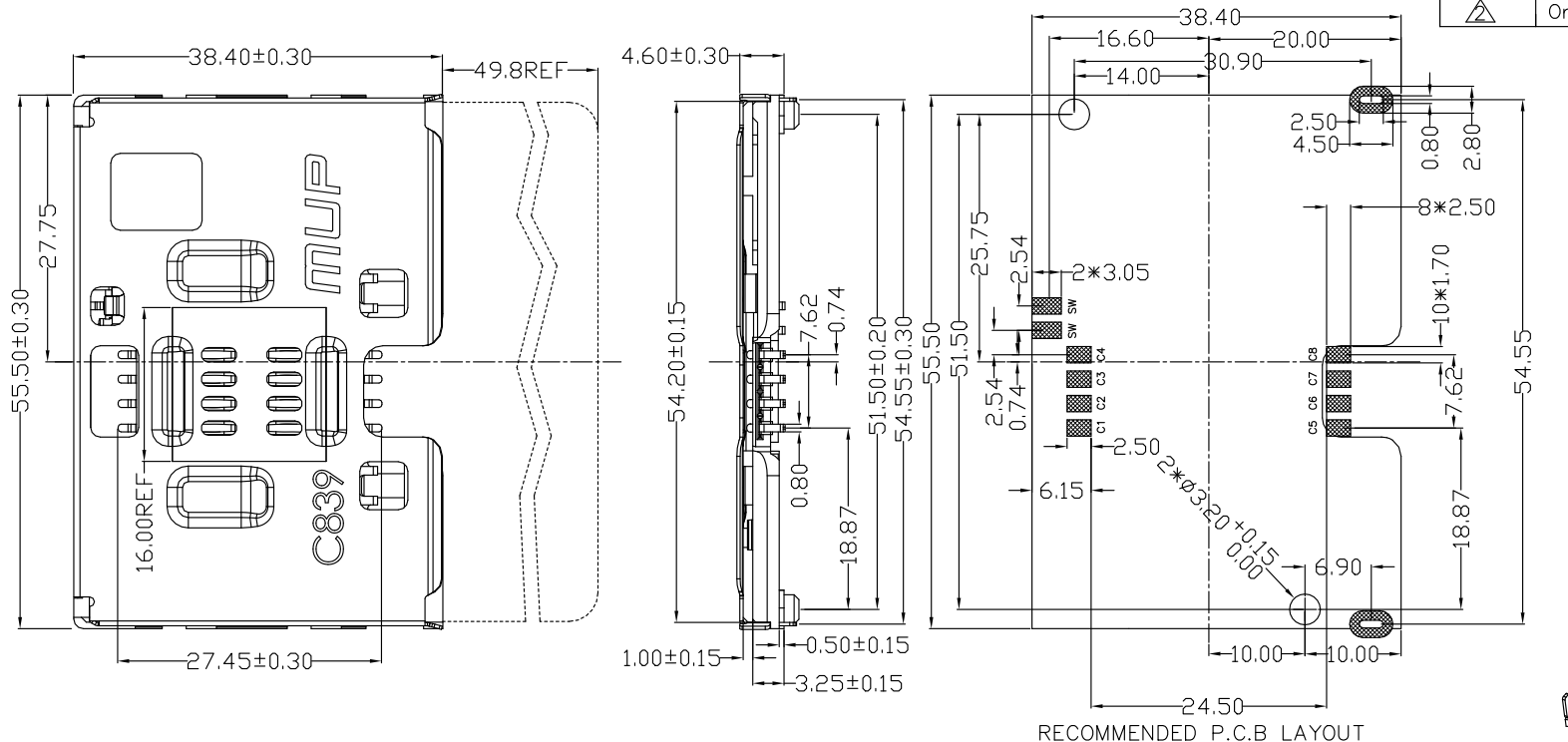
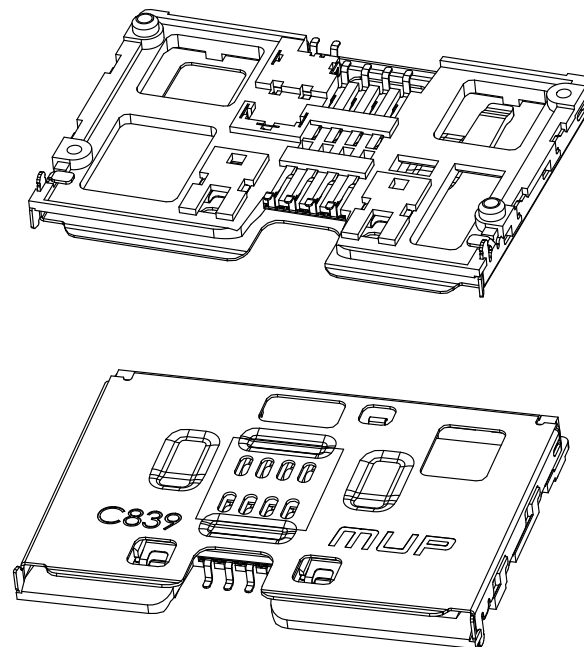


6	7	8
REV.	DESCRIPTION OF REVISIONS	APPR. CHEC. DRAW. DATE
△	NEW	Zoey 2016/04/20
△	Original Model C839-4	Keey 2023/10/19



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

1.General Characteristics

Dimensions: 55.5LX38.4WX4.6H mm

Weight: Approx10.0±0.5g

Durability: 500,000 cycles min.

2.Electrical Characteristics

Contact resistance: 50mΩ typical, 100mΩ max

Insulation resistance: >1000MΩ/500V DC

3.Solderability

IR reflow: 260°C.10sec.Max

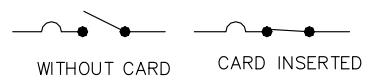
Manual soldering: 370°C, 3sec.Max

4.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	SUS	Ni plated
3	DATA CONTACT	8	Copper Alloy	Contact area: 30u" Au plated
4	SWITCH CONTACT	1		Contact area: Silver plated
5	FLAKE	1	SUS	
6	EARTHING	2	SUS	

Unless otherwise specified, other tolerance are:			MUP MUP INDUSTRIAL CO.,LTD.				
X ±0.45	X* ±5°	NAME: Smart Card Connector					
X.X ±0.35	X.X* ±4°	MODEL NO: MUP-C8039-04				TYPE : Normally open (Sealed Switch)	
X.XX ±0.25	X.XX* ±3°						
X.XXX ±0.10	X.XXX* ±2°						
PROJ. 	UNIT mm	SCALE 1:1	DRAWN	Zoey	2016 04 20	DWG NO. : DWG-C8039-04-01	
CUSTOMER DRAWING			CHECKED	Keey	2016 04 20	SHEET 1/1	REVISION 2
			APPROVAL	Simon	2016 04 20		

