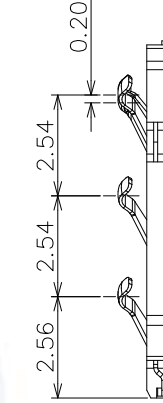
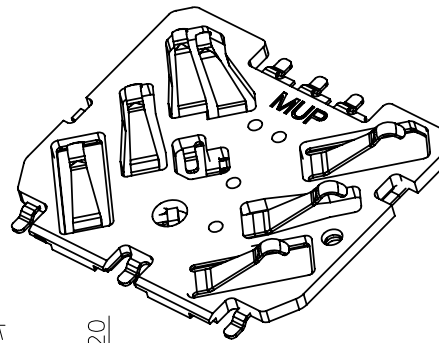
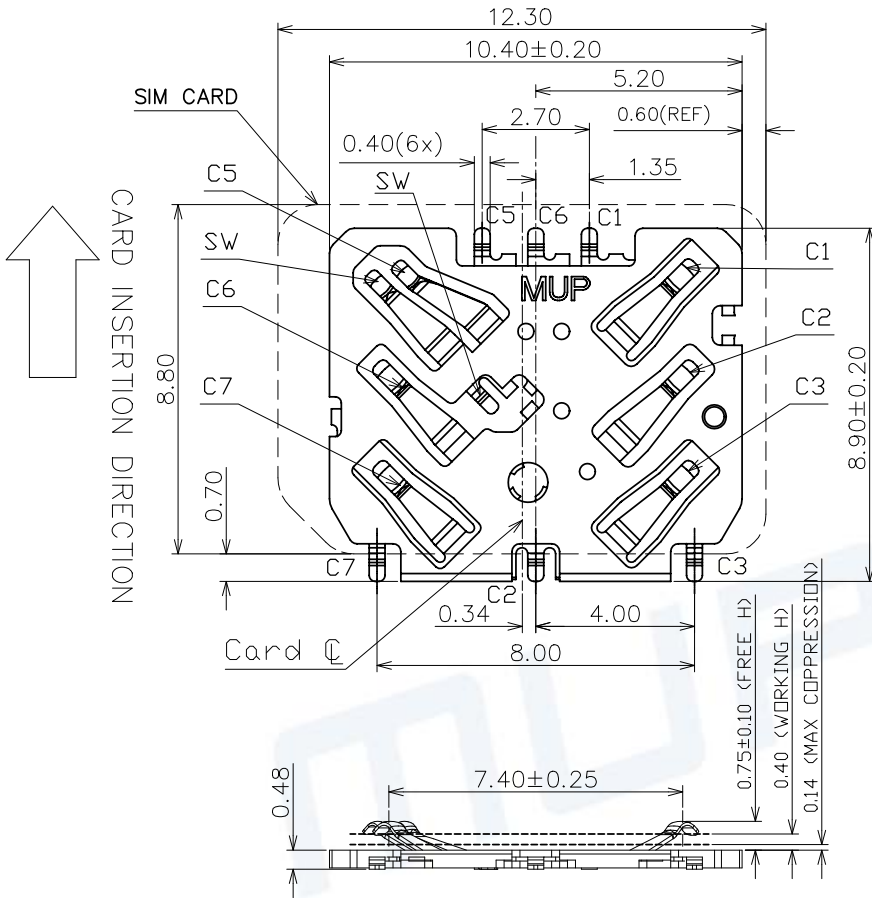
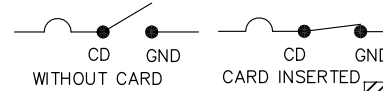


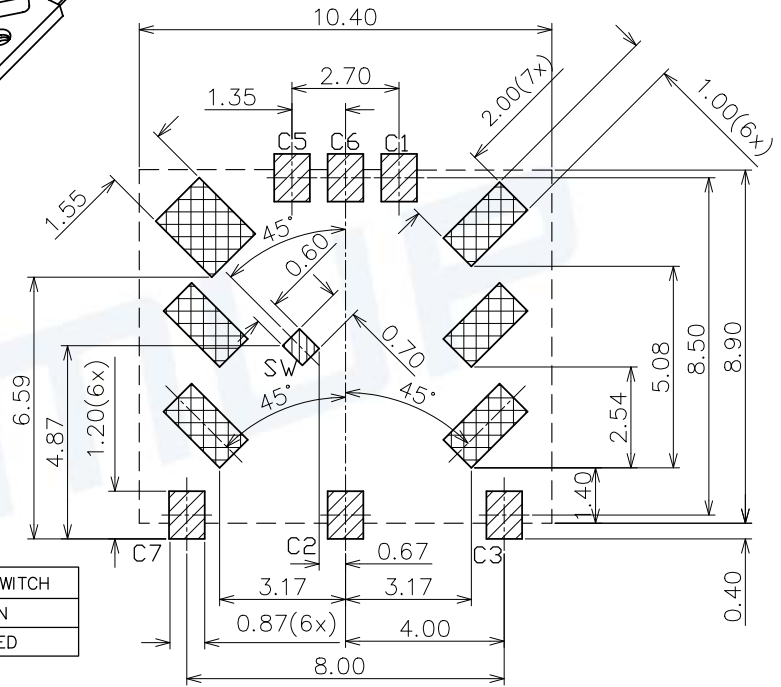
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	NEW			Henry	2017/11/22
△	Original Model C786-1			Henry	2023/10/19



ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM



RECOMMENDED P.C.B LAYOUT COMPONENT SIDE (TOLERANCE ±0.05)

- PAD AREA
- CONNECTOR OUTLINE
- NO PATTERN AND VIA HOLE IN THIS AREA

TECHNICAL CHARACTERISTICS

- General Characteristics
Dimensions: 10.40L x 8.90W x 0.48H mm
Weight: Approx 0.40±0.2g
Durability: 2,500 cycles min.
- Electrical Characteristics
Contact resistance: 50mΩ typical, 100mΩ Max
Insulation resistance: >1000MΩ/500V DC
- Solderability
Vapor phase: 215°C, 30sec. Max
IR reflow: 260°C, 5sec. Max
Manual soldering: 370°C, 3sec. Max
- Environmental Characteristics
Operating temperature: -40°C ~ +85°C
Operating humidity: 10% ~ +95%RH

NANO SIM CARD	
Pin No.	ASSIGNMENT
C1	VCC(SUPPLY VOLTAGE)
C2	RST(RESET SIGNAL)
C3	CLK(CLOCK SIGNAL)
C7	I/O(DATA INPUT/OUTPUT)
C5	GND
C6	VPP(VARIABLE SUPPLY VOLTAGE)
SW	DETECTION SWITCH

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	Hi-temp Thermoplastic	Black UL94V-0
2	DATA CONTACT	6	Copper Alloy	Contact area: Gold plated
3	SW	1	Copper Alloy	Contact area: Gold plated

Unless otherwise specified, other tolerance are:

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **NANO-SIM Card Connector**

MODEL NO: **MUP-C7086-01**

TYPE: **H0.5mm6Pin With Switch Pin**

PROJ.	UNIT	SCALE	DRAWN	Henry Sep.22.2017	DWG NO.:
	mm	1:1	CHECKED	Henry Sep.22.2017	DWG-C7086-01-01
CUSTOMER DRAWING			APPROVAL	Simon Sep.22.2017	SHEET
					REVISION
					2

