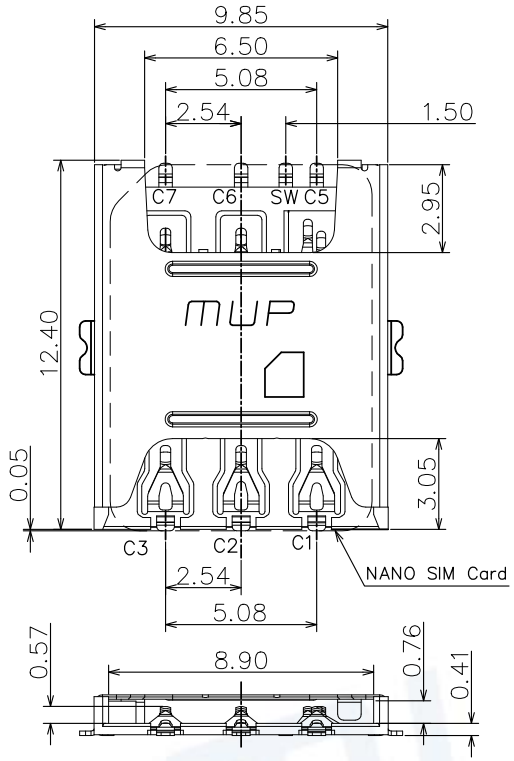
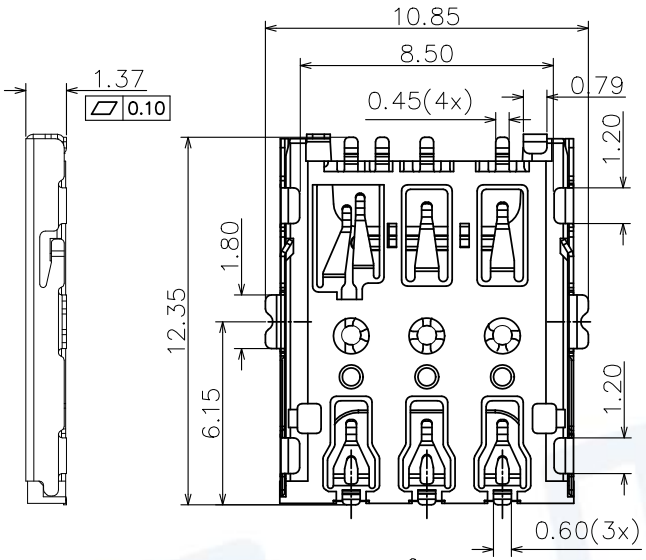
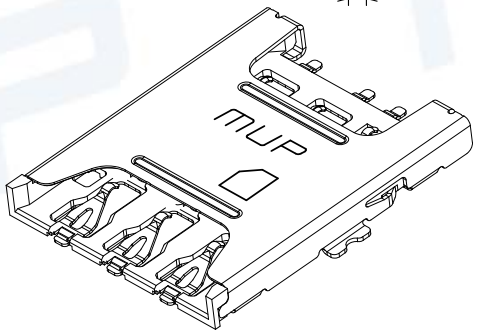
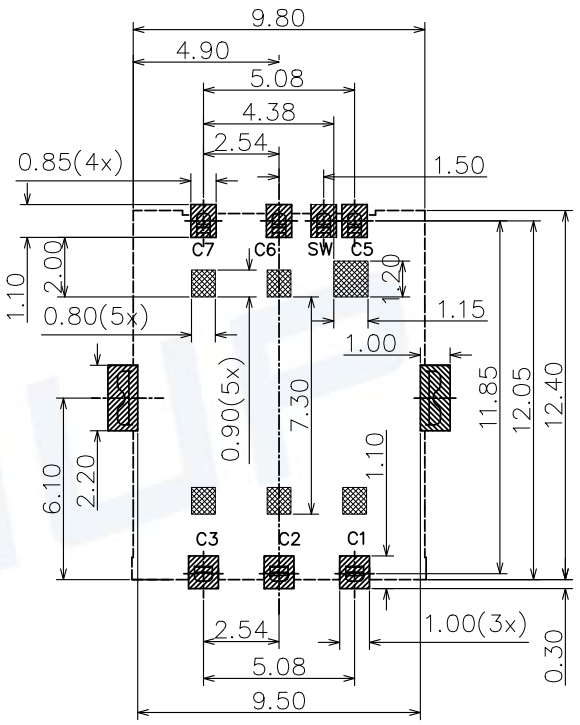
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	NEW			Henry	2019/3/12
2	Original Model C782-2			Henry	2023/10/19









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

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

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 12.40LX9.80WX1.35H mm

Weight: Approx 0.50±0.2g

Durability: 1,500 cycles min.

2.Electrical Characteristics

Contact resistance: 50mΩ typical,
100mΩ max

Insulation resistance: >1000MΩ/500V DC

3.Solderability

Vaporphase: 215°C,30sec.Max

IR reflow: 250°C,5sec.Max

Manual soldering: 370°C,3sec.Max

4.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(COLCK SIGNAL)
SW	DETECTION SWITCH
C5	GND
C6	VPP(VARIABLE SUPPLY VOLTAGE)
C7	I/O(DATA INPUT/OUTPUT

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	SHELL	1	Stainless Steel	

Unless otherwise specified, other tolerance are:

X	±0.35	X°	±5°
X.X	±0.25	X.X°	±4°
X.XX	±0.15	X.XX°	±3°
X.XXX	±0.10	X.XXX°	±2°

PROJ. | UNIT mm | SCALE 1:1

CUSTOMER DRAWING

MUP INDUSTRIAL CO.,LTD.

NAME: **NANO-SIM Card Connector**

MODEL NO: **MUP-C7082-02**

TYPE : **H1.35mm 6PIN With Switch Pin/outside solder**

DRAWN	Henry Mar.12.2019	DWG NO.: DWG-C7082-02-01
CHECKED	Henry Mar.12.2019	
APPROVAL	Simon Mar.12.2019	SHEET 1/1 / REVISION 2

Pb RoHS PROCESS COMPLIANT