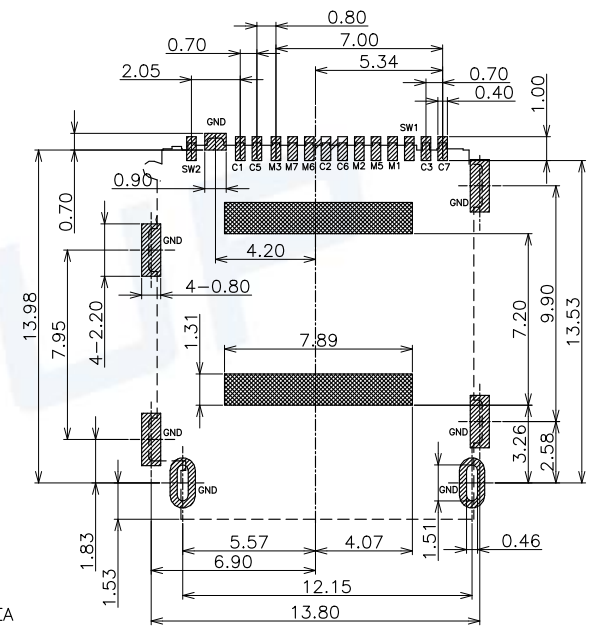
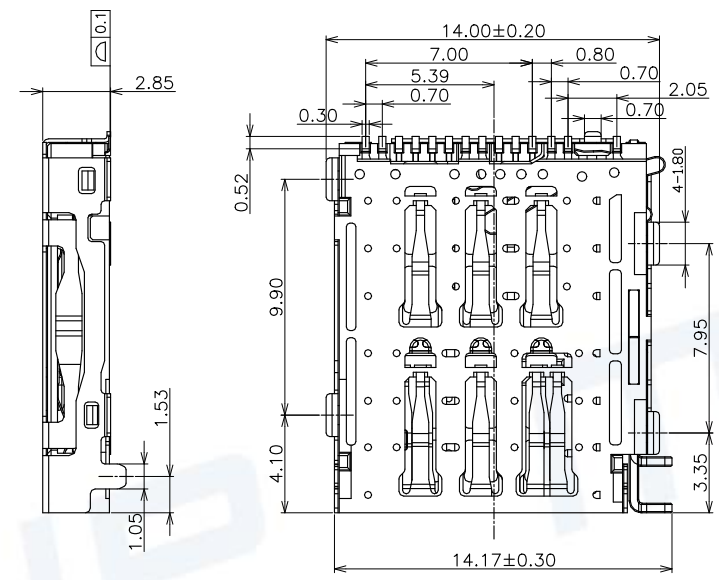
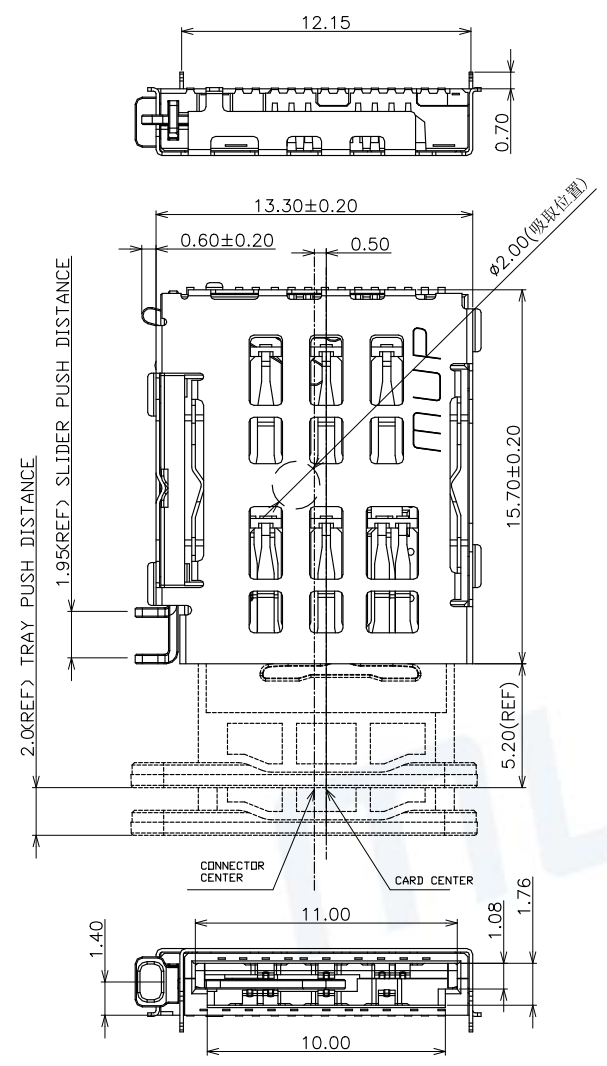
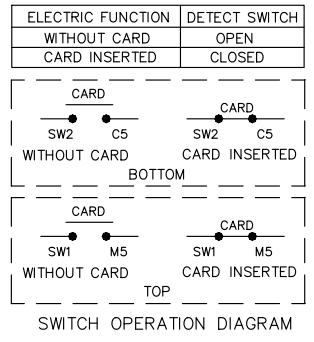


REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	NEW			HUABO	2023/9/21
2	Original Model:C7814-1			HUABO	2023/10/28



- PAD AREA
- CONNECTOR OUTLINE
- KEEP OUT AREA

NANO SIM CARD		
TOP Pin No.	BOTTOM Pin No.	ASSIGNMENT
M1	C1	VCC(SUPPLY VOLTAGE)
M2	C2	RST(RESET SIGNAL)
M3	C3	CLK(COLCK SIGNAL)
SW1	SW2	DETECTION SWITCH
M5	C5	GND
M6	C6	VPP(VARIABLE SUPPLY VOLTAGE)
M7	C7	I/O(DATA INPUT/OUTPUT)



TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions:15.70X13.10WX2.8H mm

TRAY MATING FORCE:2~10N

TRAY UNMATING FORCE:2~10N

Durability:1,000 cycles min.

2.Electrical Characteristics

Contact resistance:150mΩ typical,

After Test:200mΩMax

Insulation resistance:>500M/250V DC

3.Solderability

Vaporphase:215°C, 30sec.Max

IR reflow:260°C,5sec.Max

Manual soldering:370°C,3sec.Max

4.Environmental Characteristics

Operating temperature:-40°C~+85°C

Operating humidity:10%~+95%RH

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	2	Hi-temp Thermoplastic	Black UL94V-0
2	DATA CONTACT	6+6	Copper Alloy	Contact area:5u"Au plated
3	SWITCH	2	Copper Alloy	Contact area:Gold plated
4	SHELL	1	Stainless Steel	Solder area:Gold plated
5	Lever	1	Stainless Steel	
6	Cam	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°

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **DOUBLE NANO-SIM Card Connector**

MODEL NO: **MUP-C7814-01**

TYPE: **H2.8mm Normally Open With Card Tray type**

PROJ.	UNIT	SCALE	DRAWN	HUABO 2023/9/21	DWG NO.:
	mm	1:1	CHECKED	Henry 2023/9/21	DWG-C7814-01-01
CUSTOMER DRAWING			APPROVAL	Simon 2023/9/21	SHEET 1/1
					REVISION 2

