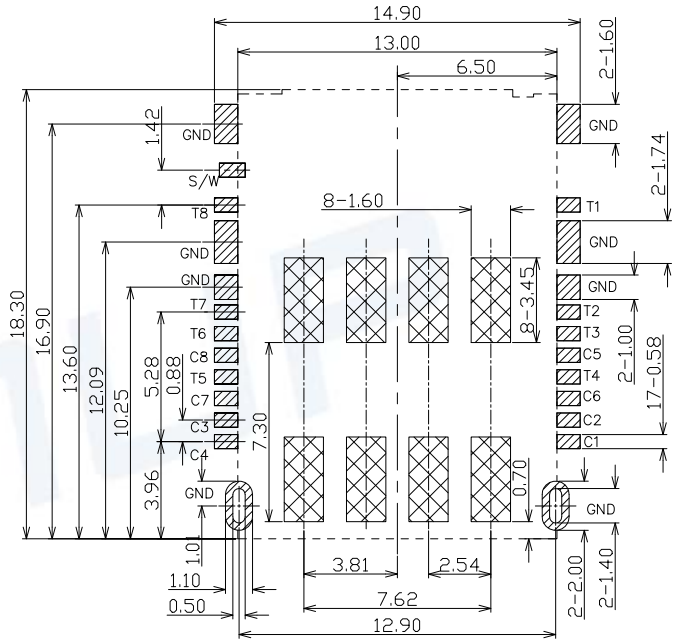
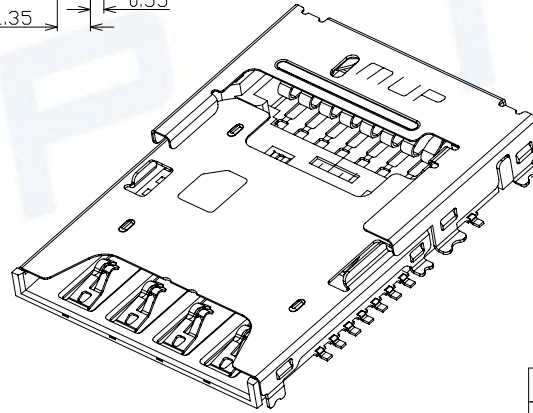
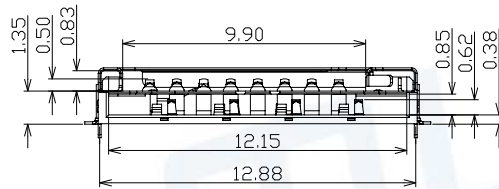
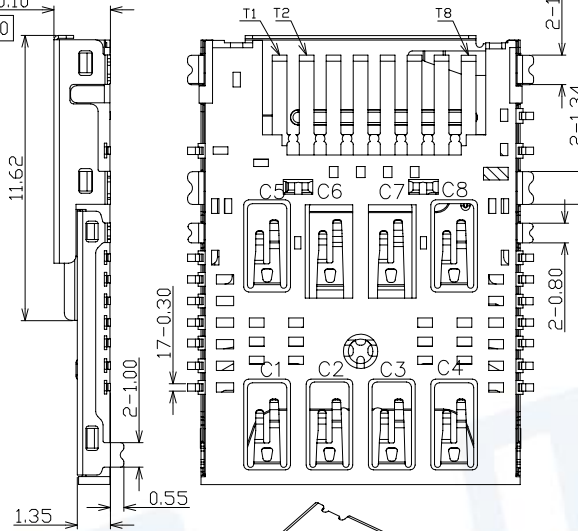
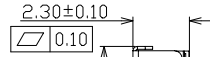
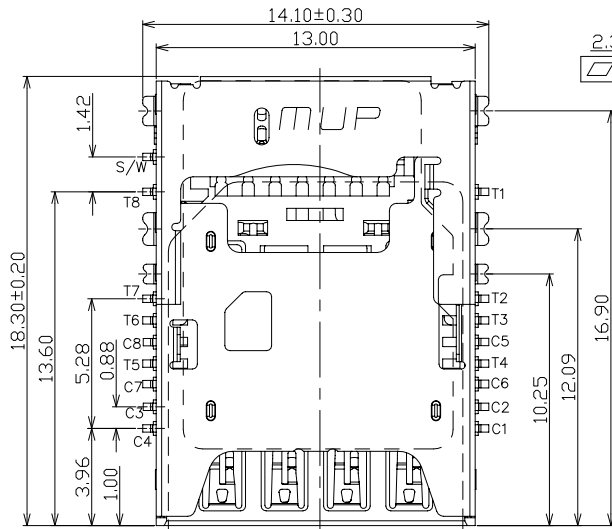


REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	NEW			Henry	2024/08/08
△					



RECOMMENDED P.C.B. LAYOUT
COMPONENT SIDE(TOLERANCE ± 0.05)
 PAD AREA
 CONNECTOR OUTLINE
 NO PATTERN AND VIA HOLE IN THIS AREA
 SOLDER PASTES THICKNESS $\geq 0.15\text{mm}$

Mirco SIM CARD		Mirco SIM CARD	
PIN No.	ASSIGNMENT	PIN No.	ASSIGNMENT
C1	VCC	C5	GND
C2	RST	C6	VPP
C3	CLK	C7	I/O
C4	Reserved	C8	Reserved

MICRO SD CARD		PIN No.	ASSIGNMENT
PIN No.	ASSIGNMENT	5	CLK
1	DAT2	6	VSS(GND)
2	CD/DAT3	7	DAT0
3	CMD	8	DAT1
4	VDD	s/w	CARD DETECTION

CIRCUIT DIAGRAM FOR DETECTION OF MICROSD CARD

ELECTRIC FUNCTION	DETECT SWITCH	CIRCUIT MICROSD T6PIN SWITCH PIN
WITHOUT CARD	OPEN	T6 S/W
CARD INSERTED	CLOSED	T6 S/W

TECHNICAL CHARACTERISTICS
 1.General Characteristics
 Dimensions:18.30LX13.0WX2.30H mm
 Weight: Approx. 0.55g
 Durability:3,000 cycles min.
 2.Electrical Characteristics
 Contact resistance: 100mΩMax
 Insulation resistance: $>1000\text{m}/500\text{V DC}$
 3.Solderability
 Vaporphase: $\geq 215^{\circ}\text{C}$, 30sec.Max
 IR reflow: $\geq 260^{\circ}\text{C}$, 5~10sec.Max
 Manual soldering: $\geq 370^{\circ}\text{C}$, 3sec.Max
 4.Environmental Characteristics
 Operating temperature: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Storage Temperature : $-20^{\circ}\text{C}\sim+35^{\circ}\text{C}$
 Operating humidity:10%~95%RH



ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	Hi-temp Thermoplastic	Black UL94V-0
2	DATA CONTACT	14	Copper Alloy	Contact area:Gold plated
3	SWITCH	2	Copper Alloy	Contact area:Gold plated
4	SHELL	2	Stainless Steel	Solder area:Gold plated
5	PULLER	1	Stainless Steel	

Unless otherwise specified, other tolerance are:

X	± 0.35	X*	$\pm 5^{\circ}$
X.X	± 0.25	X.X*	$\pm 4^{\circ}$
X.XX	± 0.15	X.XX*	$\pm 3^{\circ}$
X.XXX	± 0.10	X.XXX*	$\pm 2^{\circ}$

PROJ.	UNIT	SCALE
	mm	1:1

CUSTOMER DRAWING

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **MICRO SD+Mirco SIM Card Connector**

MODEL NO: **MUP-M6112-01**

TYPE : **Mirco SD+Mirco SIM With S/W 2.30H Push-Pull / DIType**

DRAWN	Henry 2024/8/8
CHECKED	Henry 2024/8/8
APPROVAL	Simon 2024/8/8

DWG NO. :	DWG-M6112-01-01
SHEET	1/1
REVISION	1