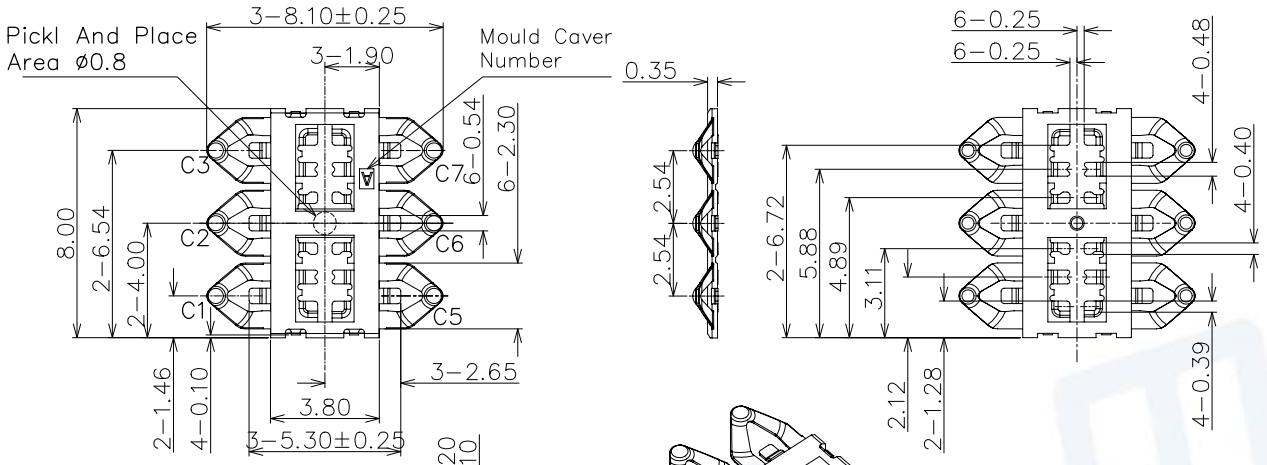
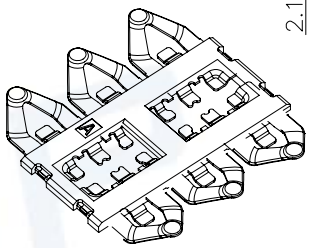
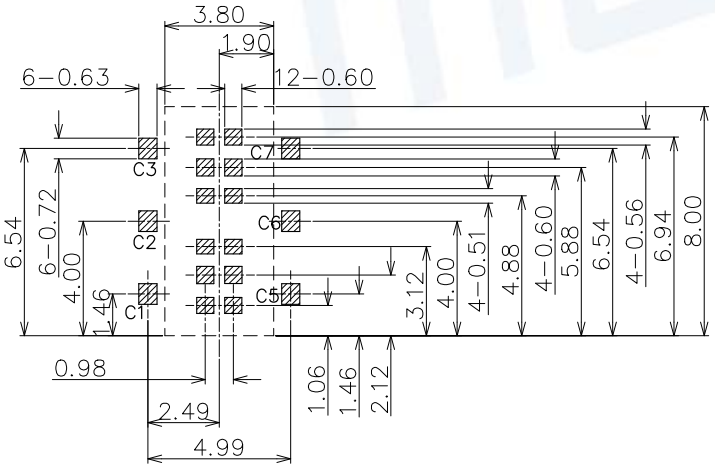
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	NEW			Henry	2020/05/05
2	Original Model M6105-1			Henry	2023/10/24

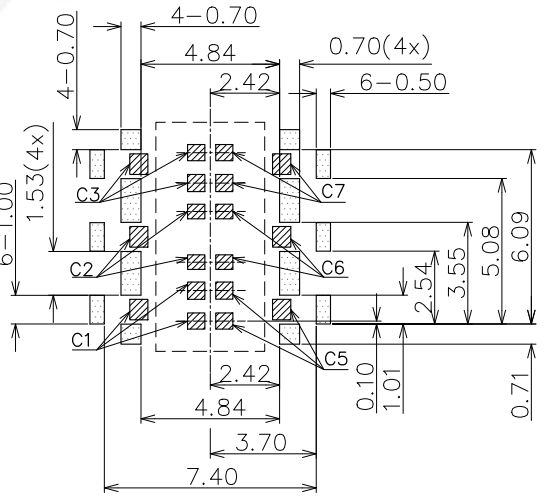




TECHNICAL CHARACTERISTICS

1.General Characteristics
Dimensions:8.0LX8.26WX0.35H mm
TRAY MATING FORCE:1~10N
TRAY UNMATING FORCE:2~10N
Durability3,000 cycles min.
2.Electrical Characteristics
Contact resisitance:50mΩ typical, 100mΩMax
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 remperature:-40°C~+85°C
Operating humidity:10%~+95%RH





RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE(TOLERANCE ±0.05)
PAD AREA
CONNECTOR OUTLINE
DIGGING HOLES 0.05mm Min

NANO SIM CARD			
Pin No.	ASSIGNMENT	Pin No.	ASSIGNMENT
C1	VCC(SUPPLY VOLTAGE)	C5	GND
C2	RST(RESET SIGNAL)	C6	VPP(VARIABLE SUPPLY VOLTAGE)
C3	CLK(COLCK SIGNAL)	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: 5u"Au plated
3				

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

RoHS PROCESS COMPLIANT

MUP INDUSTRIAL CO.,LTD.

NAME: **Nano Sim Card Connector**
MODEL NO: **MUP-M6105-01**
TYPE : **H0.30mm Nano Sim Card**

DRAWN	Henry May.05.2022	DWG NO.: DWG-M6105-01-01
CHECKED	Henry May.05.2022	SHEET 1/1 / REVISION 2
APPROVAL	Simon May.05.2022	