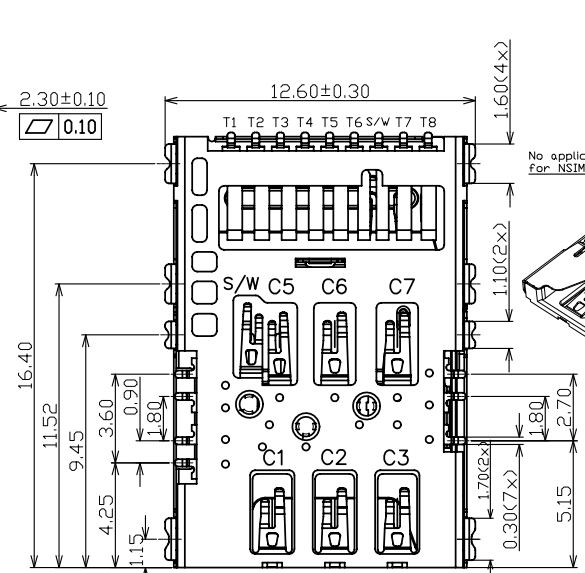
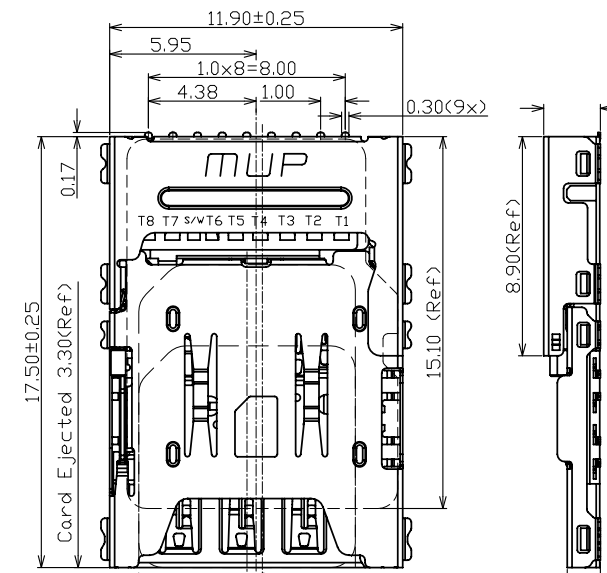
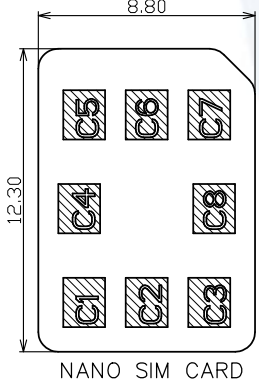
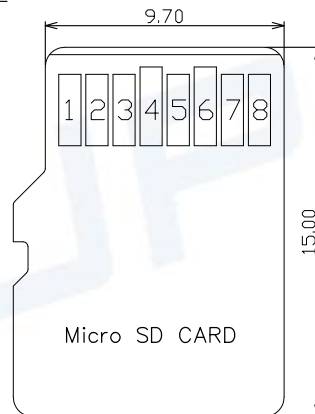
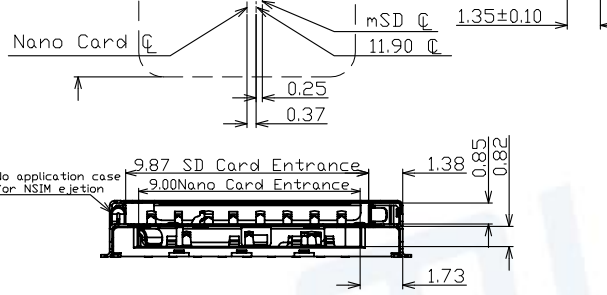
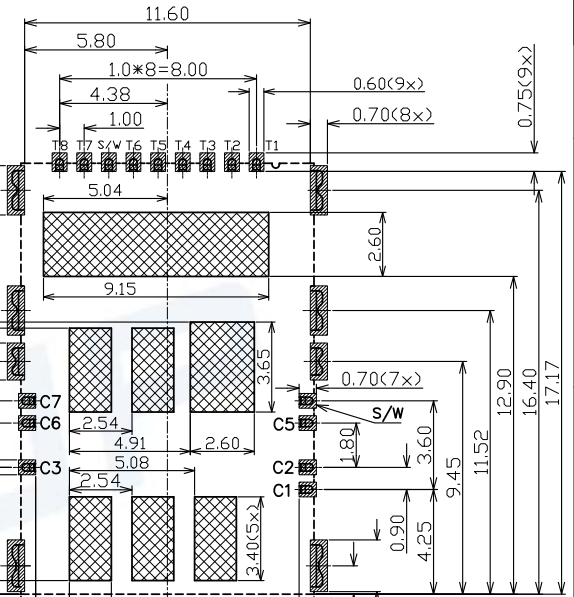
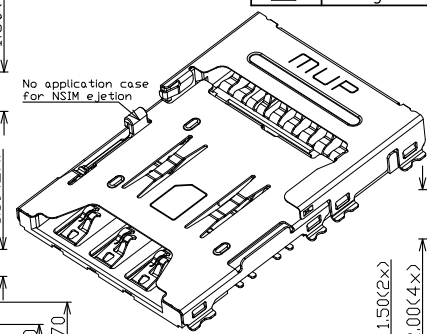


REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	NEW			Henry	2020/06/08
△	Original Model M6102-1			Henry	2023/10/24



No application case for NSIM ejection



NAND SIM CARD	
PIN No.	ASSIGNMENT
C1	VCC
C2	RST
C3	CLK
C5	GND
C6	VPP
C7	I/O
s/w	CARD DETECTION

RECOMMENDED P.C.B LAYOUT COMPONENT SIDE(TOLERANCE ±0.05)
 ▨ PAD AREA
 - - - CONNECTOR OUTLINE
 ▩ NO PATTERN AND VIA HOLE IN THIS AREA

MICRO SD CARD	PIN No.	ASSIGNMENT
	5	CLK
	1	DAT2
	2	CD/DAT3
	3	CMD
	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	
CARD INSERTED	CLOSED	

CIRCUIT DIAGRAM FOR DETECTION OF NANO SIM CARD

ELECTRIC FUNCTION	DETECT SWITCH	CIRCUIT NANO SIM C5PIN SWITCH PIN
WITHOUT CARD	OPEN	
CARD INSERTED	CLOSED	

TECHNICAL CHARACTERISTICS
 1.General Characteristics
 Dimensions:17.50LX11.90WX2.30H mm
 Weight: Approx 0.5g
 Durability:3,000 cycles min.
 2.Electrical Characteristics
 Contact resistance:50mΩ typical, 100mΩMax
 Insulation resistance:>1000m/500V DC
 3.Solderability
 Vaporphase:±215°C, 30sec.Max
 IR reflow:260°C,5~10sec.Max
 Manual soldering:370°C,3sec.Max
 4.Environmental Characteristics
 Operating temperature:-25°C~+85°C
 Storage Temperature :-40°C~+85°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:

MUP MUP INDUSTRIAL CO.,LTD.

X ±0.35	X* ±5°	NAME: MICRO SD+NANO SIM Card Connector
X.X ±0.25	X.X* ±4°	MODEL NO: MUP-M6102-01
X.XX ±0.15	X.XX* ±3°	TYPE : MICRO SD+NANO SIM WITH S/W 2.30H PULLER TYPE
X.XXX ±0.10	X.XXX* ±2°	
PROJ.	UNIT mm	SCALE 1:1
CUSTOMER DRAWING		DWG NO.: DWG-M6102-01-01
DRAWN Henry Jun.08.2020	CHECKED Henry Jun.08.2020	SHEET 1/1
APPROVAL Simon Jun.08.2020		REVISION 2



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