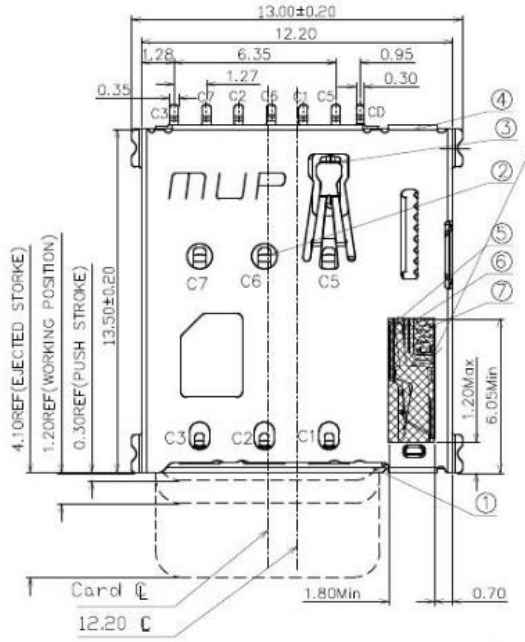
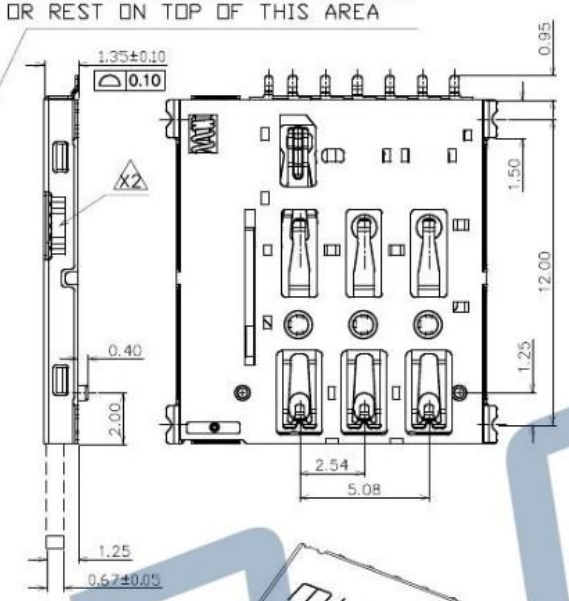
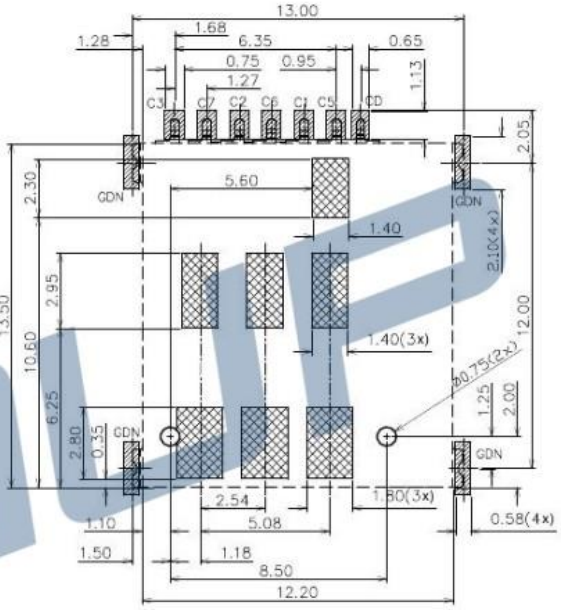
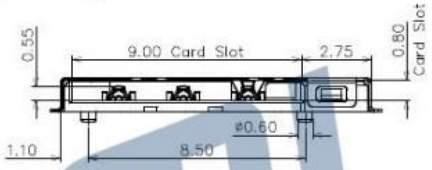
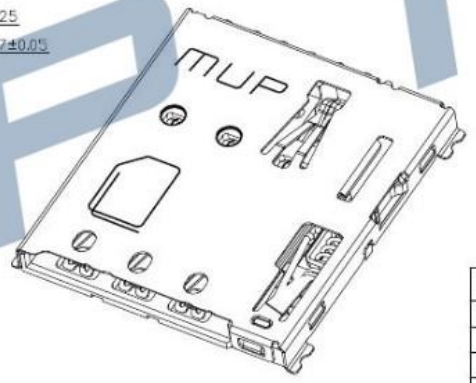
REV.	DESCRIPTION OF REVISIONS	APPR.	DRAW.	RELEASE	DATE
X1	NEW REVISION				Mar.09.2019
X2	Shell change				2019.11.01











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

PAD AREA

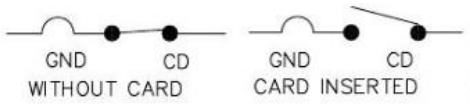
CONNECTOR OUTLINE

NO PATTERN AND VIA HOLE IN THIS AREA

TECHNICAL CHARACTERISTICS
1.General Characteristics
Dimensions:13.50LX13.0WX1.35H mm
Weight:Approx 0.50±0.2g
Durability:1,500 cycles min.
2.Electrical Characteristics
Contact resisitance:50mΩ typical,
100mΩMax
Insulation resistance:>1000MΩ/500V DC
3.Solderability
Vaporphase:215°C, 30sec.Max
IR reflow:260°C,5sec.Max
Manual soldering:370°C.3sec.Max
4.Environmental Characteristics
Operating remperature:-40°C~+85°C
Operating humidity:10%~+95%RH

NANO SIM CARD	
Pin No.	ASSIGNMENT
C1	VCC
C2	RST
C3	CLK
C5	GND
C6	VPP
C7	I/O

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	CLOSED
CARD INSERTED	OPEN



SWITCH OPERATION DIAGRAM

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	CD	1	Copper Alloy	Contact area:Gold plated
4	SHELL	1	Stainless Steel	Solder area:Gold plated
5	EJETCT BAR	1	Hi-temp Thermoplastic	
6	CAM FOLLOER	1	Stainless Steel	
7	SPRING	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 MUP INDUSTRIAL CO.,LTD.

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

MODEL NO: **MUP-C7801-1**

TYPE : **With post / Normally Close**

DRAWN	Henry Ou.03.2019	DWG NO.: DWG-MUP-C7801-1
CHECKED	Henry Ou.03.2019	SHEET 1/1 / REVISION X2
APPROVAL	Simon Ou.03.2019	

MUP