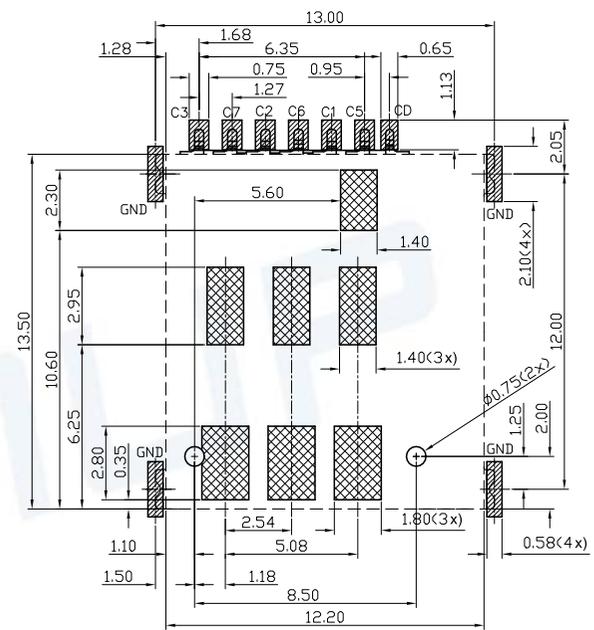
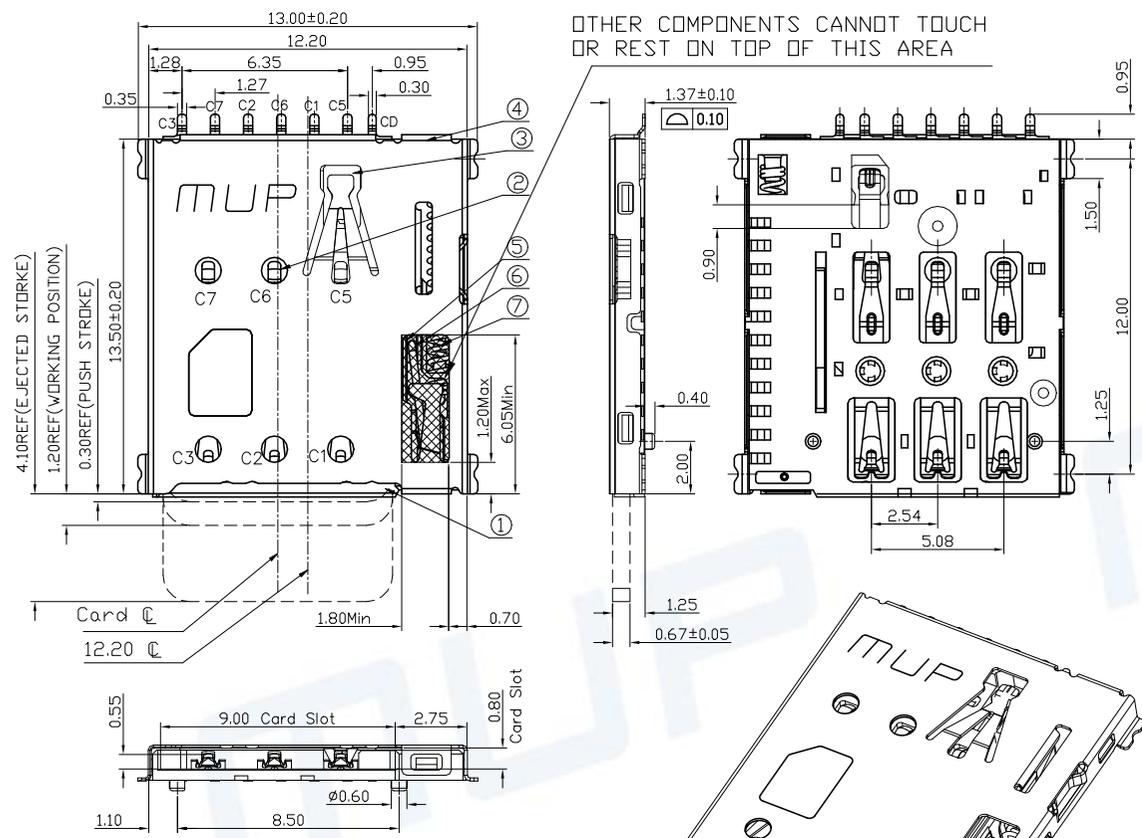


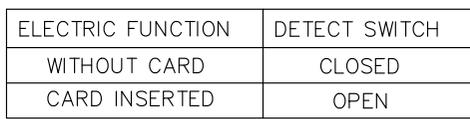
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	NEW			Henry	2019/03/09
△	Original Model C7801-1			Henry	2023/10/20



RECOMMENDED P.C.B LAYOUT  
 ▨ PAD AREA COMPONENT SIDE (TOLERANCE ±0.05)  
 - - - 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:3,000 cycles min.  
 2.Electrical Characteristics  
 Contact resistance: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 temperature:-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



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:

**MUP** MUP INDUSTRIAL CO.,LTD.

X ±0.35	X* ±5*	NAME: <b>Push-Push NANO-SIM Card Connector</b>
X.X ±0.25	X.X* ±4*	
X.XX ±0.15	X.XX* ±3*	
X.XXX ±0.10	X.XXX* ±2*	
MODEL NO: <b>MUP-C7801-21</b>		TYPE : <b>With post / Normally Close / CD Pin Add glue type</b>

PROJ.	UNIT	SCALE	DRAWN	Henry Mar.09.2019	DWG NO.:	DWG-C7801-21-01
UNIT	mm	1:1	CHECKED	Henry Mar.09.2019	SHEET	1/1
CUSTOMER DRAWING			APPROVAL	Simon Mar.09.2019	REVISION	2

