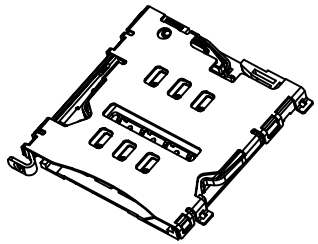
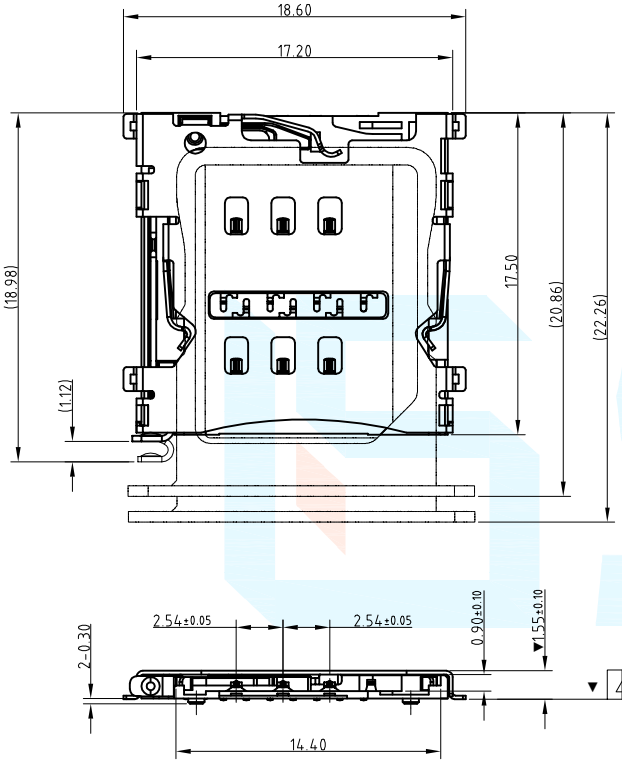
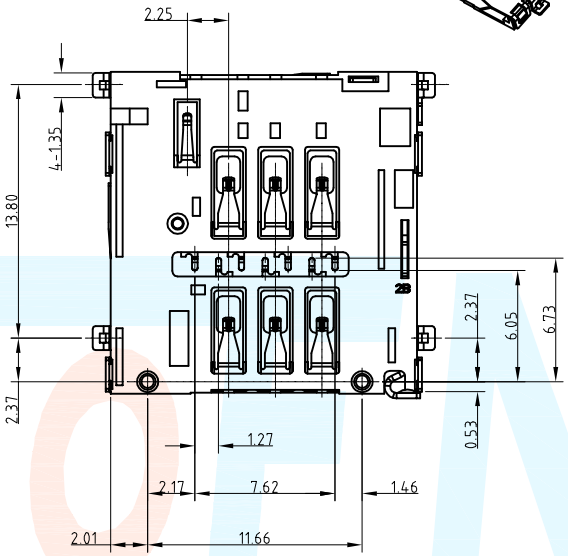
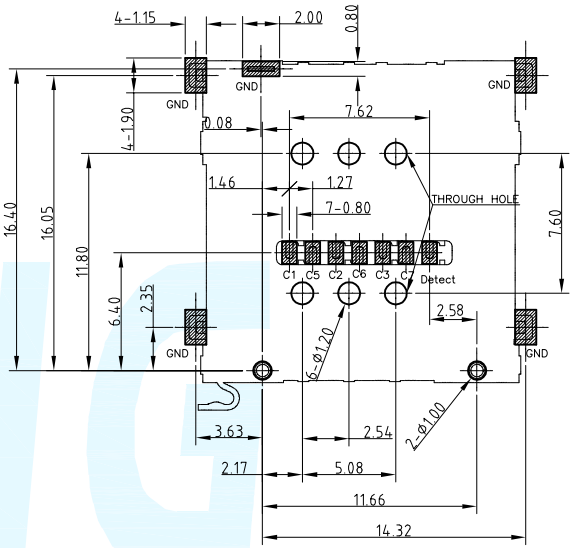
REVISION			
LTR	DESCRIPTION	DATE	APP
A0	NEW RELEASE	09/06/2021	PECK



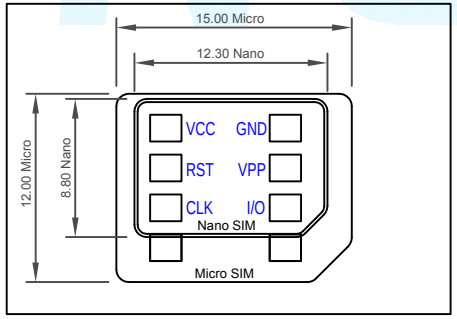






Recommended PCB Layout

Tolerance: ±0.05



Micro SIM CARD		
Pin No.	Pin NAME	Description
C ①	卡電源	VCC
C ②	復位	RST
C ③	時鐘	CLK
C ⑤	接地	GND
C ⑥	Vpp	VPP
C ⑦	輸入/輸出	I/O

NOTE:

⚠ Material & Finish See Table;

2. Circuit Diagram For Switch

GND	Tray	Detect	Inserted Card
GND	Tray	Detect	Withdrawal Card (Normal)

3. Characteristic:
   - 3-1.Current Rating :1A max.
   - 3-2.Contact Resistance:50mOhms max
   - 3-3.Insulation Resistance:1000MOhmsΩ min./500VDC
   - 3-4.Dielectric Withstanding Voltage:500VAC/1minute
   - 3-5.Mating Force: 8N Max, Withdrawal Force: 1N Min.;
   - 3-6.Durability: 3000 Cycles
   - 3-7.Operating Temperature:-25°C to+85°C
4. Critical Dimensions Marked ▼ " Should Check By QC.
5. Please Contact PROMAX Sales Representive to Verify Product Details.

Item	Part Name	Material	Description
6	Shell	Stainless Steel	Nickel Under Plated Overall.
5	Lever	Stainless Steel	/
4	Cam	Stainless Steel	/
3	Housing	Thermoplastics	Black,UL94V-0
2	Detect	Copper Alloy	Gold Flash on Solder Tails ; Gold Flash on Contact Area; Nickel Under Plated Overall.
1	Terminal	Copper Alloy	

DIMENSION CLASSIFICATION	
■	CRITICAL
⊠	MAJOR

TOLERANCE TABLE		
.X	±	0.40
.XX	±	0.25
.XXX	±	0.10
ANGLE	±	2°

台灣碩方精密電子科技有限公司
TAIWAN SOFNG PRECISION ELECTRONIC CO., LTD

TITLE	SMO-1517 MICRO SIM CARD SOCKETS			SOFNG 開關,連接器	
PART NO.	SOF-G006			SERIES	SD106
APPROVED	Peck	DWG NO.	SMO-1517		
CHECKED	Paul	SCALE 1:1	UNIT mm	SIZE	A4
DRAWIN	David		REV A0	SHEET NO.	1/1