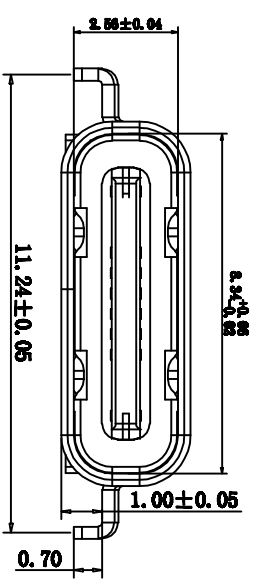
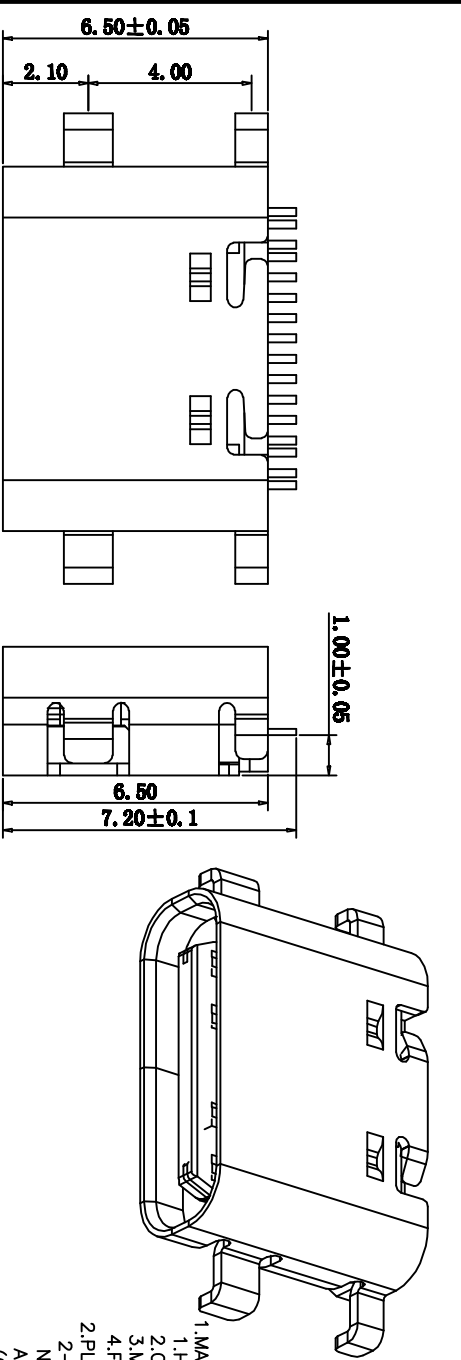
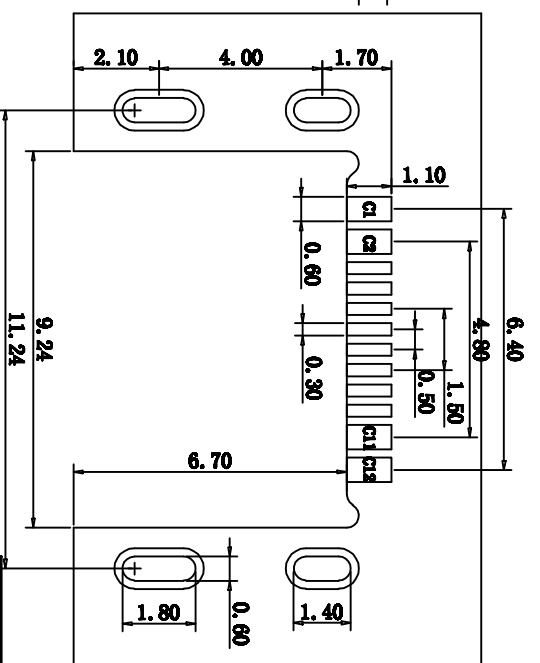


REV	DESCRIPTION	APPD	DATE



TPS10-NISI-2016-A

0 普通外壳  
1 点焊外壳  
S1 半盒端子  
F1 全盒端子



- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC; UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS: NI 40u" MIN. UNDER PLATED OVER ALL. AU PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N) PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - FRONT SHELL: SEE TABLE 1.
  - SHIELD PLATE & EMI PLATE: CLEAR ONLY
- MECHANICAL PERFORMANCE:
  - INSERTION FORCE:  $0.5 \sim 2.0$  N.
  - REMOVAL FORCE:  $0.8 \sim 2.0$  N.
  - DURABILITY: 1000 CYCLES.
- ELECTRICAL PERFORMANCE:
  - CURRENT RATING: 5.0A VOLTAGE RATING: 5.0V
  - LCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX. SHIELD: 50mΩ/MAX LCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE: AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$ .
  - IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT  $260^{\circ}\text{C}$ .

16 PIN USB Type-C Receptacle Interface (Front View)

PIN NO.	A1/B12	A4/B9	B8	A5	B7	A6	A7	B6	A8	B5	B4/A9	B1/A12
SIGNAL NAME	GND	Vbus	SBU2	CC1	D-	D+	D-	D+	SBU1	CC2	Vbus	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12

DWG NO:	USB-20100125	MATERIAL:	
LOT NO:		FINISH:	
UNIT:	MM	SIZE:	A4
DESIGNER:	刘静	DATE:	
CHECKER:		SCALE:	1:1
TITLE:	深圳市连欣科技有限公司		
TITLE:	TYPE C 16pin 母座 沉板 1.0(铜片)		
PART NO:	XUBF-0316-2035	REV:	A
SCALE:	1:1	SHEET:	1 OF 1

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