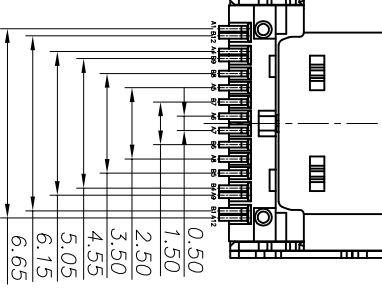
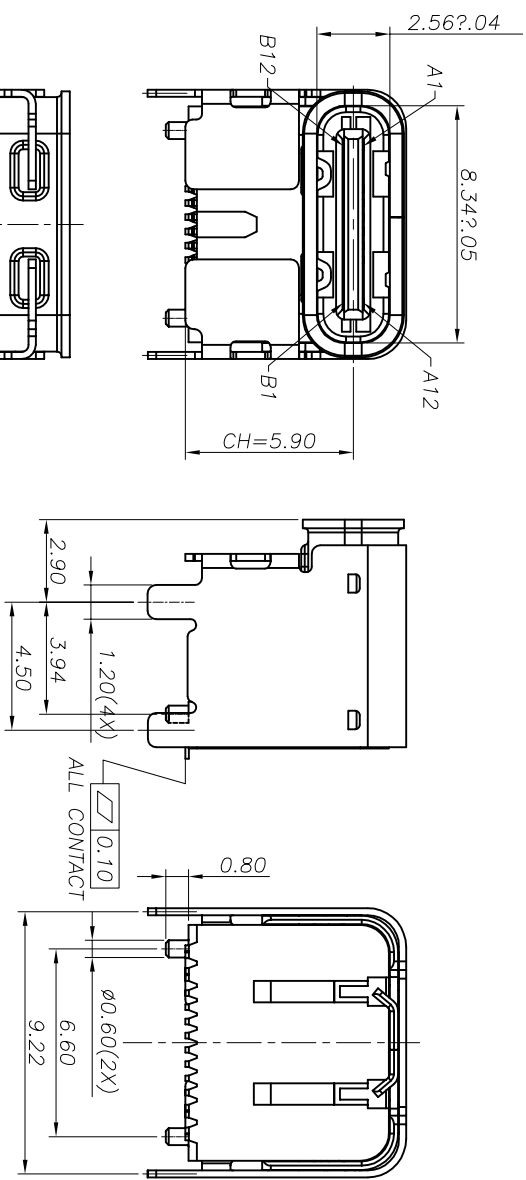
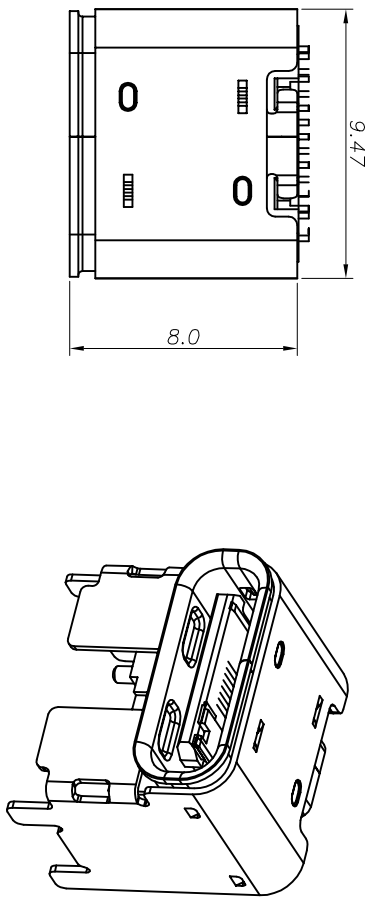


REV. ECN NO.	DESCRIPTION	DATE	DESIGN
A ECN NO.	INITIAL RELEASED	2017.09.13	Hank Pei
B ECN NO.	ADD P/N	2018.10.18	Hank Pei

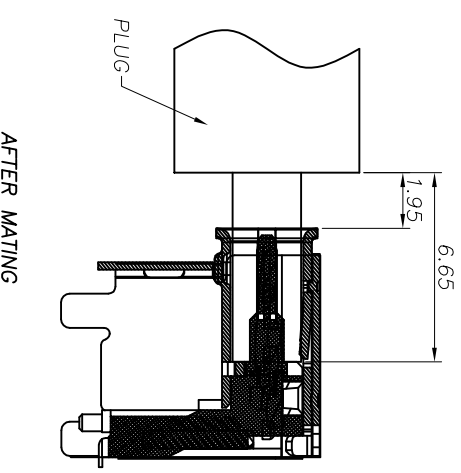


- 0.50
- 1.50
- 2.50
- 3.50
- 4.55
- 5.05
- 6.15
- 6.65

- NOTE:
- 1.MATERIAL SPECIFICATION:
    - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
    - 2.CONTACTS:COPPER ALLOY
    - 3.MID PLATE: STAINLESS STEEL
    - 4.FRONT SHELL: STAINLESS STEEL
    - 5.EMI PLATE: STAINLESS STEEL
    - 6.TOP SHELL: STAINLESS STEEL
  - 2.PLATING SPECIFICATION:
    - 2-1.CONTACTS:
      - Ni 50u" 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
    - 2-2.FRONT SHELL&TOP SHELL:
      - Ni 30u" MIN. UNDER PLATED OVER ALL.
    - 2-3.SHIELD PLATE&EMI PLATE:
      - CLEAR ONLY
  - 3.MECHANICAL PERFORMANCE,
    - 3-1.INSERTION FORCE: 0.5~2.0kgf.
    - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
    - 3-3.DURABILITY: 10000 CYCLES.
  - 4.ELECTRICAL PERFORMANCE,
    - 4-1. CURRENT RATING:5.0A
    - VOLTAGE RATING:5.0V
    - 4-2. VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/MAX.
    - LCR MAX. CHANGE OF ALL PINS: 10mΩ.
    - 4-3.INSULATION RESISTANCE: 100MΩ MIN
    - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
  5. ENVIRONMENTAL PERFORMANCE:
    - OPERATING TEMPERATURE: -25~+85.
    - 6.HTHERMAL TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

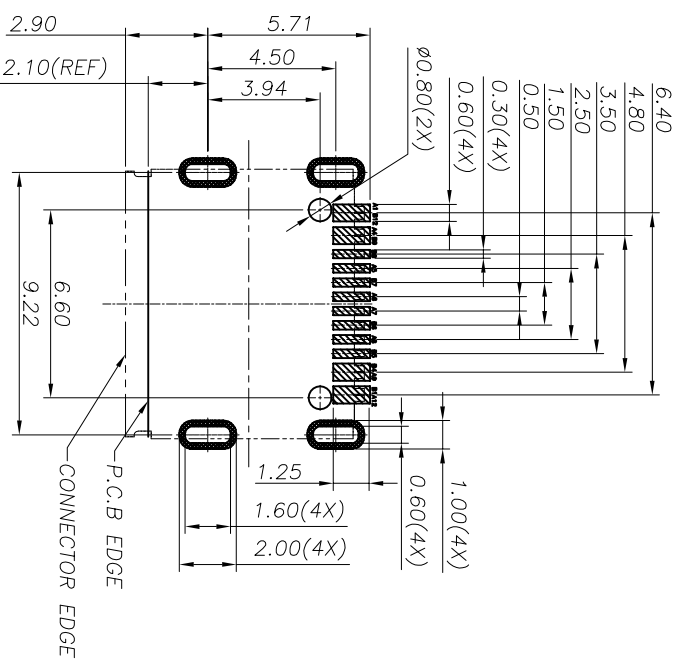
TOLERANCE	NAME(INTENDED USE) CUSTOMER DRAWING	深圳市文章济美科技有限公司
X.X ±0.30 X.X ±10'	PART NO.	TITLE:
.XX ±0.20 .X' ± 8'	PART_NO.	DRAW_NAME_1
.XXX ±0.10 .XX' ± 5'	DESIGN: DRAW	DRAW_NAME_2
UNITS mm		DRAWG NO.
MATERILA	CHED:	SCALE
FINISH	APPD:	SHEET
		SCALE
		SHEET
		REV.
		REV.

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USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.8MM;DEFAULT TOLERANCE:2.05

TABLE 1

ITEM	P/N	HOUSING COLOR	CONTACTS		SHELL PLATING
			FUNCTIONAL AREA	SOLDER AREA	
1	5001-ACF001-1A1H1A103-0HR	BLACK	Au:3u"	Au:G/F	Ni
2	5001-ACF001-1A5H1A103-0HR	NATURE	Au:3u"	Au:G/F	Ni

TOLERANCE	NAME(INTENDED USE) CUSTOMER DRAWING	TITLE:
X.X ±0.30 X.X ±10°	PART NO.	深圳市文章济美科技有限公司
.XX ±0.20 .X ±8°	SEE TABLE1	USB C F 16PIN SMT
.XXX ±0.10 .XX ±5°	DESIGN: Hank Pei	CH=5.9
UNITS mm	CHEG:	DRAWG NO.
MATERILA	APPD:	5001-GAP-ACF001-1R
FINISH		SCALE SHEET REV.
		1:1 2/3 B