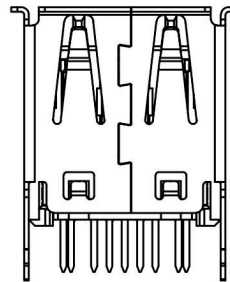
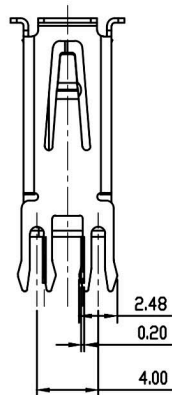
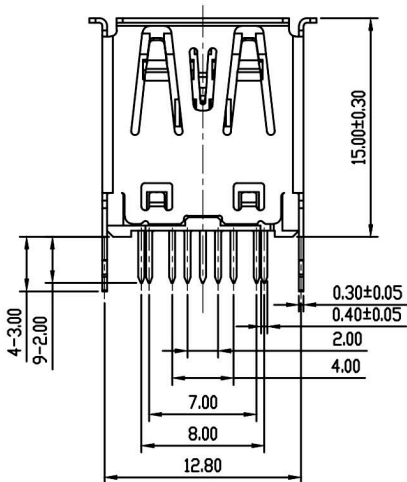
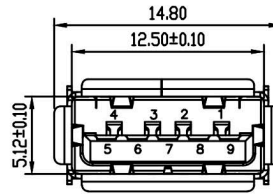


RECOMMENDED PCB LAYUOT (COMPONENT SIDE)
 DEFAULT TOLERANCE: ±0.05mm



NOTES:

1. MATERIAL:

- 1.1 HOUSING: PA9T -HF 94V-0, COLOR: BLUE 300C
- 1.2 2.0 CONTACT: C2680R-EH
- 1.3 3.0 CONTACT: C5191-EH
- 1.4 SHELL: SUS201

2. FINISH:

- 2.1 CONTACT: GOLD PLATED (SEE NOTE) ON CONTACT AREA, 100u" MATTE TIN PLATED ON SOLDER TALLS, 50u" MIN. NICKEL UNDERPLATING OVER ALL.
- 2.2 SHELL: 50u" HOOK WITH Tin ALLOY.

3. ELECTRICAL :

- 3.1 CONTACT RESISTANCE : 30 m Ω (MAX) INITIAL FOR VBUS AND GND CONTACTS
50 m Ω (MAX) INITIAL FOR OTHER CONTACTS
- 3.2 CURRENT RATING:
VBUS&GND pins: 1.8Amps MAX PER PIN; OTHER PINS: 0.25A/PIN;
- 3.3 DIELECTRIC WITHSTANDING VOLTAGE : 100V AC FOR 1 MINUTE.
- 3.4 INSULATION RESISTANCE : 100 M Ω MIN
- 4.1 MATING FORCE: 35N Max.
- 4.2 UNMATED FORCE: 10N~35N
8N Min For AFTER TEST
- 4.3 DURABILITY: 5000 CYCLES

6. Solderability: Reflow soldering (SMD Component) oven temperature 260° ,5sec

USB 2.0 CONTACT PINS		USB 3.1 CONTACT PINS	
Pin NUMBER	SIGNAL NAME	Pin NUMBER	SIGNAL NAME
1	VBUS	5	StdA_SSRX-
2	D-	6	StdA_SSRX+
3	D+	7	GND_DRAIN
4	GND	8	StdA_SSTX-
Shell	Shield	9	StdA_SSTX+

RoHS
Compliant

HSM 玄茂科技股份有限公司
HSUAN MAO TECHNOLOGY CO., LTD.

APPD. 核准
 DWG. 製圖
 DATE 制表日
 2024/09/03

SCALE 比例 參考
 UNIT 單位 M M
 PAGE 張數 1 OF 1

TOLERANCE
 X ±0.30 X ±5.°
 Y ±0.25 X ±2.°
 XX ±0.30 XX ±1.°
 XXX ±0.15 XXX ±0.5°

PART NAME 品名
 USB 3.1 CONNECTOR A TYPE 9PIN FEMALE
 WITH FLANGE DIP 180° SHELL WITH BOARDLOCK
 FOOT*4 BLUE COLOR (PA9T UL94V-0)
 PAD+REEL PACKING ROHS

PART NO.
 料號 C8649-09AFSXLBQR