

A

B

C

D

E

F

G

H

A

B

C

D

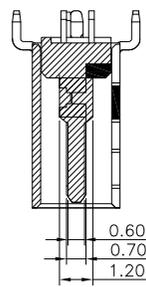
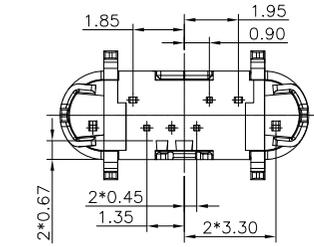
E

F

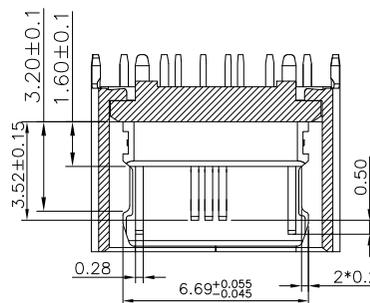
G

H

- 1.MATERIAL SPECIFICATION:
 1.HOUSING:PA9T GN2330 BLACK
 2.TERMINAL:COPPER ALLOY (C2680-H 0.2T)
 3.MID PLATE: STAINLESS STEEL (SUS301)
 4.SHELL: STAINLESS STEEL (SUS304)
 5.CAP: LCP E130i Black
- 2.PLATING SPECIFICATION:
 2-1.CONTACTS:
 Ni 50u" MIN. UNDER PLATED OVER ALL.
 Contact area: Au plating 3u" /UL 94V-0
 Soldering area: Au plating 1u" Min
 2-2.SHELL:
 Ni plating 50u" Min
 2-3.MID PLATE:
 Ni plating 50u" Min
- 3.MECHANICAL PERFORMANCE,
 3-1.INSERTION FORCE: 5N~20N.
 3-2.REMOVAL FORCE: 8N~20N
 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)
 CURRENT RATING:3 AMPS. FOR TOTAL VBUS/GND PINS;
 1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 4-2. LLCR:
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LLCR 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: -30°C~+85°C.
- 6.IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

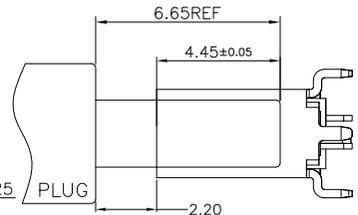


剖面图 A-A

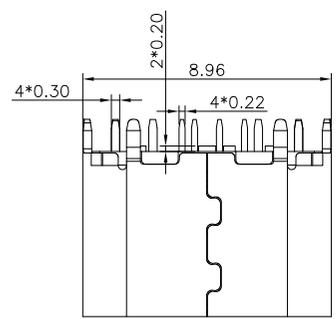
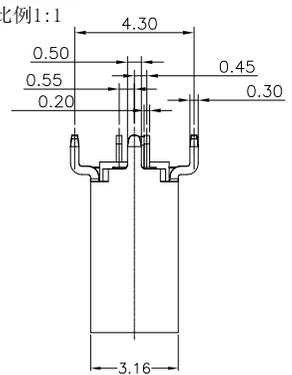
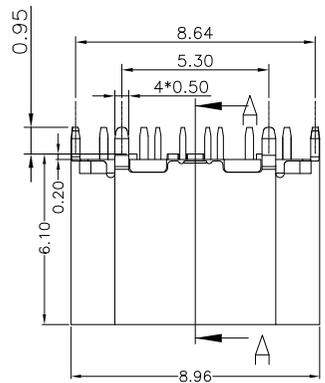


剖面图 B-B

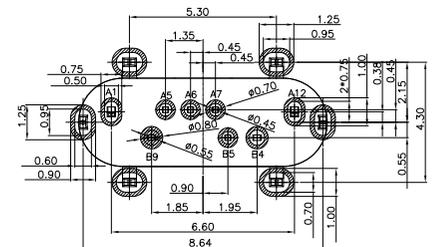
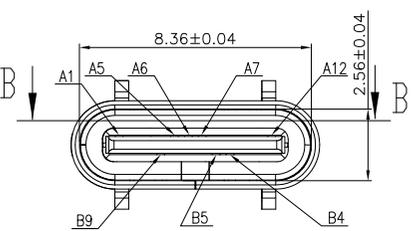
比例1:1



MATING INTERFACE



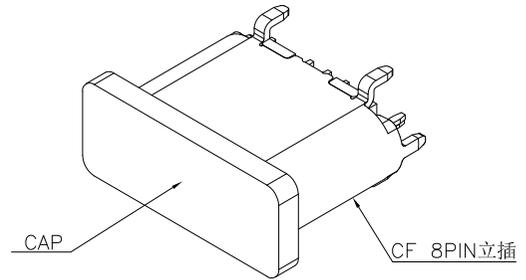
比例1:1



RECOMMENDED P.C.B. LAYOUT
 TOLERANCE UNSPECIFIED ±0.05mm

UC-F A610 D V-A E 9 A 0 XX
 1 2 3 4 5 6 7 8 9 10 11

- 1.USB TYPE C
 2.F:FEMALE
 3.A610=板上高度6.10mm
 4.D:DIP
 5.V:180°
 6.端子材质: A:C2680
 7.端子PIN数: E:8PIN
 8.胶芯材质:9:PA9T
 9.胶芯颜色: A: 黑色
 10.流水码: O:普通
 11.Contact Area plating on contacts
 O3: Au 3u" 15: Au 15u"



A1	GND		
A5	CC1		
A6	Dp1(D+)	B9	VBUS
A7	Dn1(D-)	B5	CC2
A12	GND	B4	VBUS
PIN	SIGNAL NAME	PIN	SIGNAL NAME

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	新版发行	21.08.29	LINEAR	ANGLES	1:1			UC-FA610DV-AE9A0XX	ENDE05				
A1	换图框发行	23.07.04	0.0±0.25	X° REF±6°	APPROVED								
A2	新增电镀规格	23.07.11	0.00±0.15	X° ±3°	DESIGNER			TITLE					
A3	据实物更新图纸	23.09.21	0.000±0.08	X° X' ±2°	DRAWN	Xiao	23.09.21	TYPE C 8P 180度立插双排六脚					
			UNIT: MM	SIZE: A4						REV	A2	SHEET	1/1

