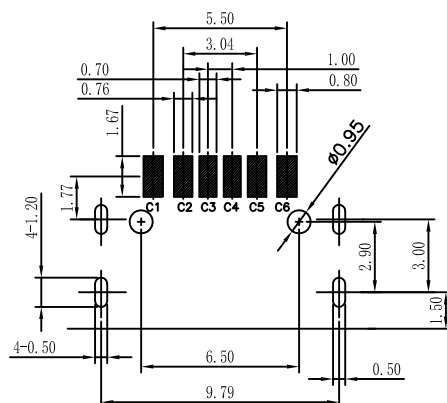
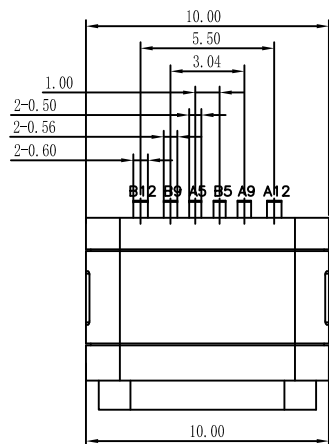


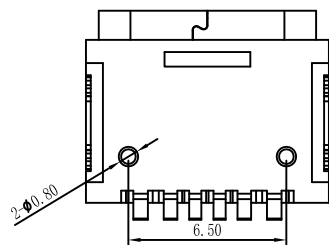
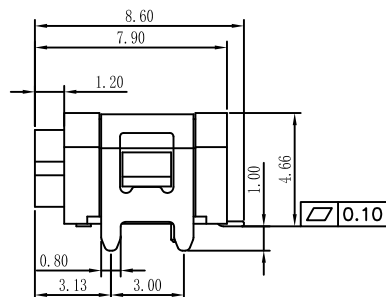
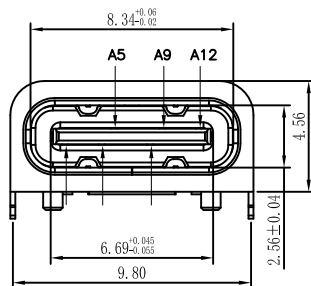


RoHS
Compliant

REV.	ZONE	DESCRIPTION	DESIGN	DATE
B		下板尺寸1.2改为1.0	曾捷	2023/04/03



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME					CC1				Vbus			GND
PIN NUMBER	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND			Vbus				CC2				

NOTE:

1. MATERIAL SPECIFICATION:

- HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
- CONTACTS: COPPER ALLOY
- MID PLATE: STAINLESS STEEL
- FRONT 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:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3. SHIELD PLATE&EMI PLATE:

- CLEAR ONLY

3. MECHANICAL PERFORMANCE,

- INSERTION FORCE: 0.5~2.0kgf.
- REMOVAL FORCE: 0.8kgf~2.0kgf.
- DURABILITY: 10000 CYCLES.

4. ELECTRICAL PERFORMANCE,

- CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V

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

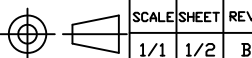
4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -25° C~+85° C.

6. IR REFLOW:

- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260° C.

UNITS mm		深圳市富港科技有限公司			
MAT'L /		TITLE: TYPE C单排6P防水母座板上型IPX6 1.4R			
FINISH /		APPD:		DWG NO.:	
		CHKD:		ST-C-FS6P-1020021	
Q'TY /		DR:			

X.	±0.50	X.*	± 2°
.X	±0.30	.X*	± 1°
.XX	±0.15	.XX*	± 0.5°
.XXX	± 0.05		