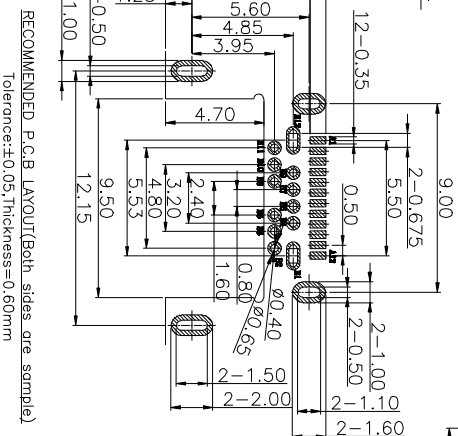
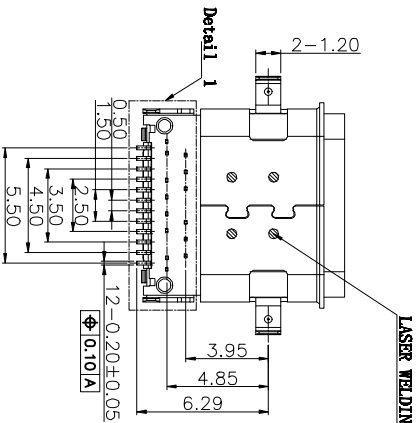
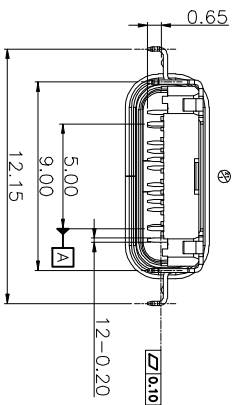
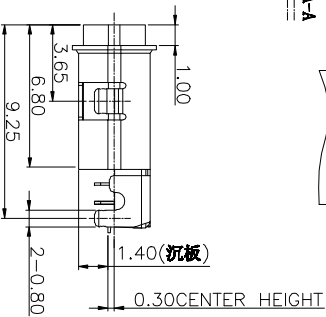
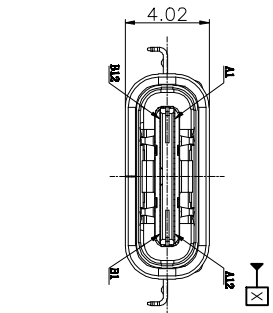


Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SS10a	Second	B11	SS10a	Second
A3	SS10b	Second	B10	SS10b	Second
A4	Vcc	First	B9	Vcc	First
A5	C01	Second	B8	SS12	Second
A6	Dp1	Second	B7	Dp2	Second
A7	SS01	Second	B6	Dp2	Second
A8	SS01	Second	B5	C02	Second
A9	Vcc	First	B4	Vcc	First
A10	SS10a	Second	B3	SS10a	Second
A11	SS10b	Second	B2	SS10b	Second
A12	GND	First	B1	GND	First



RECOMMENDED P.C.B. LAYOUT(Both sides are same)
Tolerance:±0.05, Thickness=0.60mm

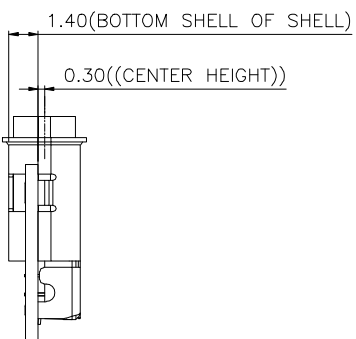


TABLE 1:

NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK
①	Housing	1	High Temp	Block	
②	Terminal-A	12	铜镍合金	Anti-Solder Plating: Block	T=0.12mm
③	Terminal-B	12	铜镍合金	Anti-Solder Plating: Block	T=0.12mm
④	MID PLATE	1	Stainless steel		T=0.15mm
⑤	GND PLATE	1	Stainless steel		T=0.10mm
⑥	Shell-1	1	Stainless steel		T=0.20mm
⑦	Shell-2	1	Stainless steel		T=0.20mm
⑧	GLUE WATER	1	EPOXY		

- NOTES:
1. MATERIAL: SEE "TABLE 1"
 2. FINISH: SEE "TABLE 1"
 3. ELECTRICAL:
 - 3-1. CONTACT CURRENT RATING : 5A@BUS PIN 1.5A/PIN,
 - 5A@BUS PIN 1.25A/PIN MAX/0.25A/PIN(OTHER PIN).
 - 3-2. INSULATION RESISTANCE : 100 MEGAOHMS MIN. AT 250VDC.
 - 3-3. DIELECTRIC WITHSTANDING VOLTAGE : 100VAC MIN.
 - 3-4. LOW LEVEL CONTACT RESISTANCE : INITIAL 40mΩ MAX. AFTER 50mΩ MAX.
 4. MECHANICAL CHARACTERISTICS :
 - 4-1. MATING FORCE: 5~20N
 - 4-2. UNMATING FORCE: 8~20N(INITIAL),5~20N(AFTER 10000 CYCLES);
 - 4-3. DURABILITY : 10,000 MATING CYCLES.
 - 4-4. OPERATING TEMPERATURE : -40°C TO +80°C



XFL2017-048		X1	随工图上升版本		2017.06.05	DESIGN	2017.06.05
20161107001		X	NEW DRAWING		2017.02.25	CHECK	2017.06.05
ECN NO.	REV.	DESCRIPTION	CHANGE	APPROVAL	DATE		

东莞市盈盈电子科技有限公司

TITLE: USB 3.1 CP WATERPROOF
CL=0.30 沉板1.40mm DIP TYPE
MODEL: XFLC A1 Series

THIRD ANGLE PROJECTION
UNIT: mm
SCALE: 1:1
SIZE: A4
SHEET: 1/2