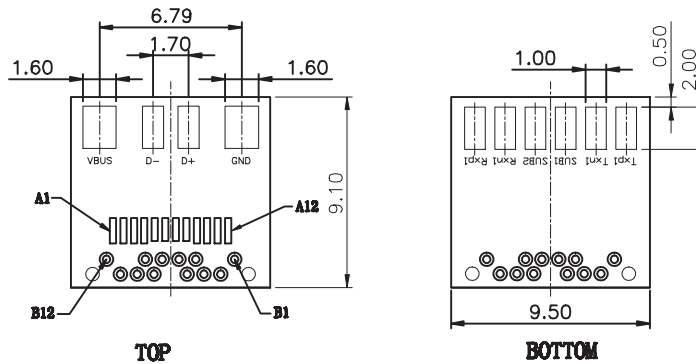
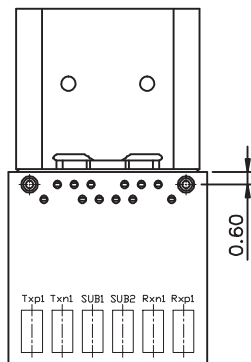
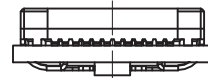
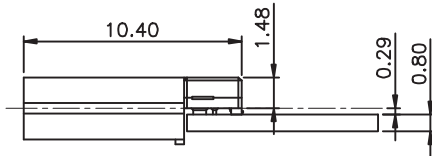
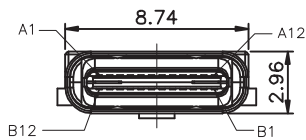
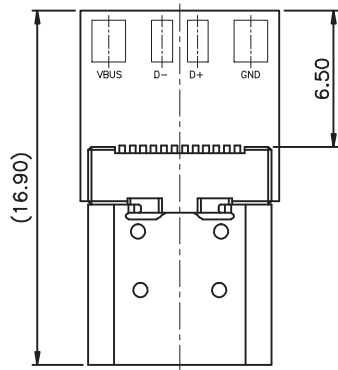


ROHS



Schematic Diagram of PCB Board Welding

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



NOTE:

1.MATERIAL:

- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; Black Color
- 1.2 CONTACT: COPPER ALLOY(T=0.15mm)
- 1.3 SHELL:STAINLESS STEEL(T=0.20mm)
- 1.4 INTERNAL MODEL: PP ; BLACK.

2.ELECTRICAL CHARACTERISTICS;

- 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL.
10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
- 2.2 CONTACT CURRENT RATING: 5A FOR Vbus PIN; 1.25A FOR Vconn PIN.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
- 2.4 INSULATION RESISTANCE 100MΩ Min
- 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

3.MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE: 5~20 N.
- 3.2 UNMATED FORCE: 6~20N AFTER TEST
- 3.3 DURABILITY: 10,000 CYCLES

4.PLATING

- 4.1 TERMINAL CONTACT: GOLD PLATING ALL OVER 50u" Min NICKEL AND 80u"Min Matte Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA.
- 4.2 SHELL: 50u" Min. NICKEL ALL OVER,
- 5.WATER PROOF: IP67

FrelTec GmbH

TOLERANCE	ANGLE	TITLE: USB 3.1 C/F CLO.29 H2.00mm DIP Waterproof IP67 With PCB Board			
.XXX ±0.10	±2°	PART NO. : 2BOUC3CAHTFUEBLR06WPD		DRAWING NO. : 1186-32XXX-13A	
.XX ±0.20		MOLD:		SCALE: 1 : 1	UNIT: mm
.X ±0.30		XXX	SIZE: A4	REV. A	
I. ±0.50		APPROVED BY Vegas LIU	CHECKED BY Liang ZHUO	DRAWING BY L. Y	

REV	LTR	DESCRIPTION	DATE	REVISER	SHEET
A		NEW RELEASE	2022.12.13	L. Y	1/2

PROJECTION

