

RoHS Compliant

Halogen Free

CUSTOMER DRAWING

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	V _{bus}	First	B9	V _{bus}	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	V _{bus}	First	B4	V _{bus}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



NOTES:

1. MATERIAL: SEE "TABLE 1";

2. FINISH: SEE "TABLE 1";

3. ELECTRICAL :

3-1.CONTACT CURRENT RATING :

5A(VBUS PIN AND GND PIN 1.25A/PIN),

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),6~20N(AFTER 10000 CYCLES);

4-3.DURABILITY : 10,000 MATING CYCLES.

4-4.OPERATING TEMPERATURE : -40°C TO +80°C

TABLE 1:

⑨	GLUE WATER	1	EPOXY	BLACK;	
⑧	WATERPROOF JACKET	1	The silicone	BLACK;	
⑦	Shell-2	1	Stainless steel	NI50μ"MIN PLATING;	T=0.40mm
⑥	Shell-1	1	Stainless steel	NI50μ"MIN PLATING;	T=0.20mm
⑤	GND PLATE	1	Stainless steel	NI50μ"MIN PLATING;	T=0.10mm
④	MID PLATE	1	Stainless steel		T=0.15mm
③	Terminal-B	12	Copper alloy	Au:3u" PLATING;	T=0.12mm
②	Terminal-A	12		Au:3u" PLATING;	T=0.12mm
①	Housing	1	HIGH TEMP	Black	

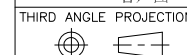
NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK
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UNLESS OTHERWISE,
GENERAL TOLERANCE:X.xxx ±0.10
X.xx ±0.20
X.x ±0.30
X. ±0.38

ANGULAR:

X.xx ±1°
X.x ±3°
X. ±5°东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.TITLE:
USB 3.1 TYPE C 24PIN 防水
SMT TYPE

客户图



P/N: U501T24J629ZL2

MODEL: U501-29

DRAW NO.:

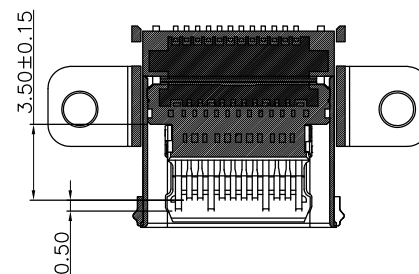
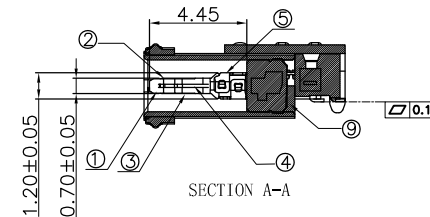
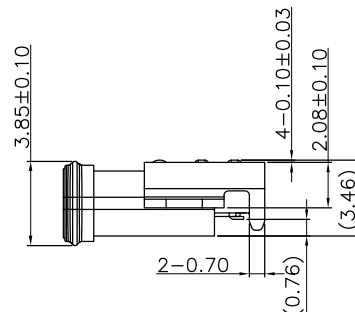
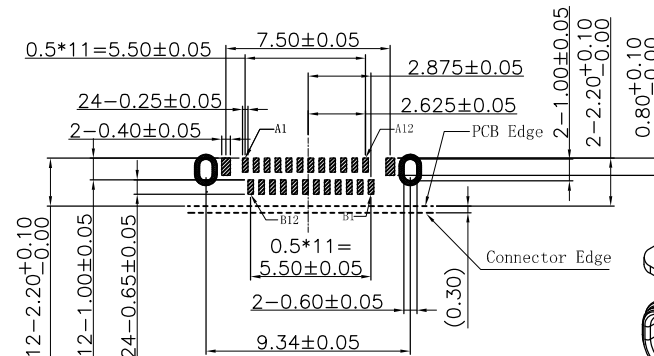
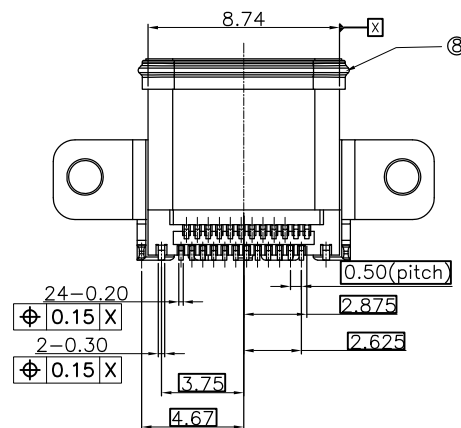
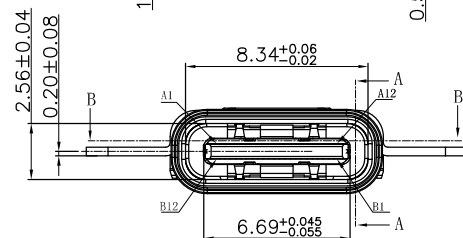
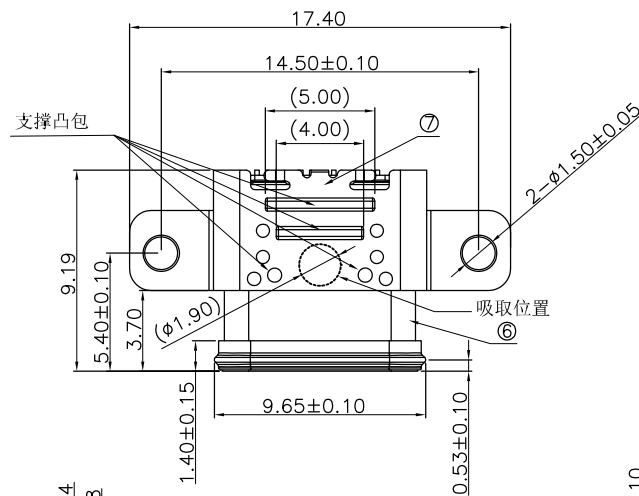
THIRD ANGLE PROJECTION

UNIT: mm

SCALE: 1:1

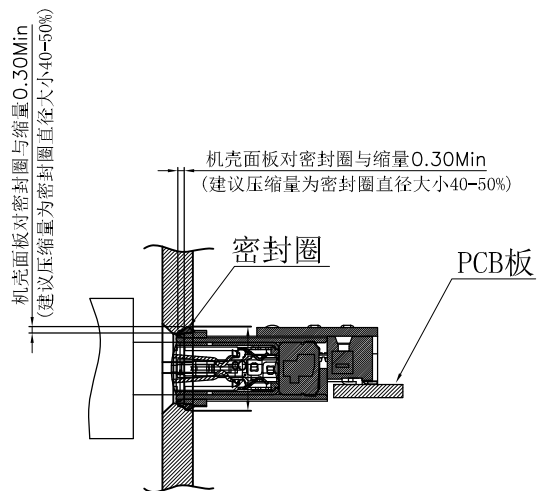
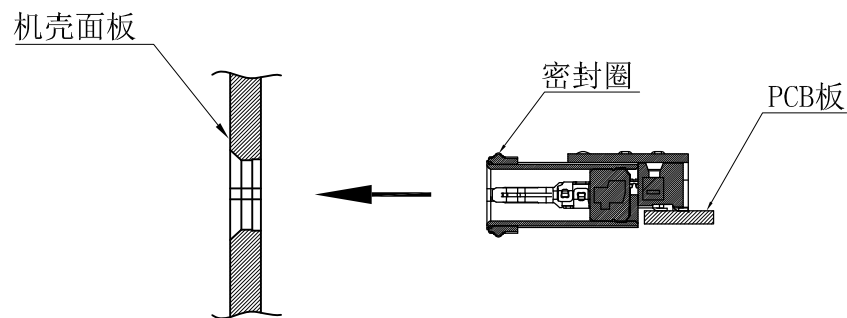
SIZE: A4

SHEET: 1/2



JH2019-031	X1	改善产品过炉后气密性不良	2019.04.02	Steven_Shen	DESIGN	Steven_Shen	2019.04.02
	X	NEW DRAWING	2019.03.01	Kenn_Li	CHECK	Fangxiang_Yin	2019.04.02
ECN NO.	REV.	DESCRIPTION	DATE	CHANGE	APPROVAL	Fangxiang_Yin	2019.04.02

建议密封方式



组装面板后公母头对插示意图



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UNLESS OTHERWISE,
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X.xx ±0.20
X.x ±0.30
X. ±0.38

ANGULAR:

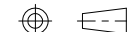
X.xx ±1°
X.x ±3°
X. ±5°东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.TITLE:
USB 3.1 TYPE C 24PIN 防水
SMT TYPE

P/N: U501T24J629ZL2

MODEL: U501-29

DRAW NO.: _____

THIRD ANGLE PROJECTION



UNIT:

mm

SCALE:

1:1

SIZE:

A4

SHEET:

2/2