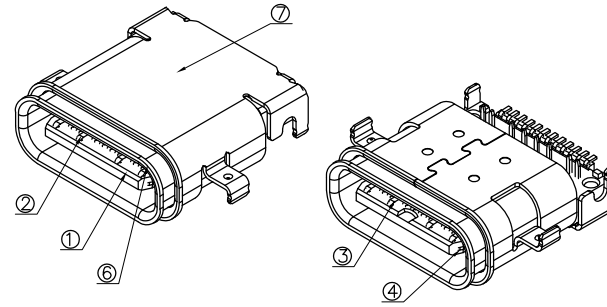
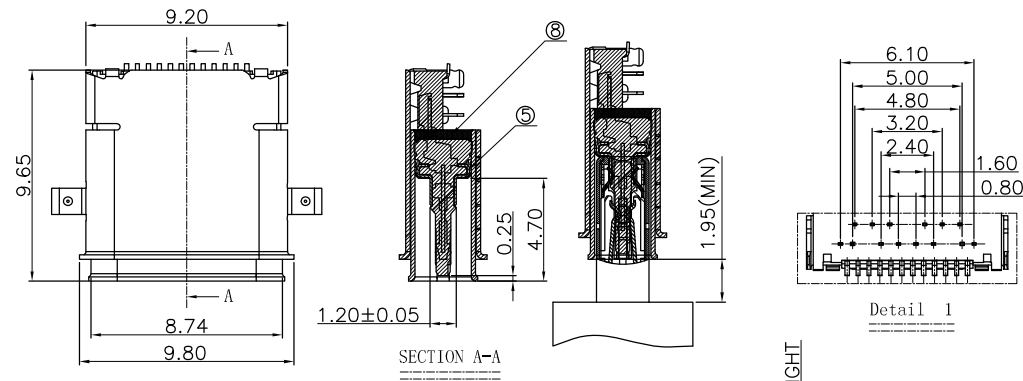


RoHS Compliant Halogen Free

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 <sub>bus</sub> | First           | B9    | V <sub>bus</sub> | 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 <sub>bus</sub> | First           | B4    | V <sub>bus</sub> | 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 1.5A/PIN),  
5A(GND 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),6~20N(AFTER 10000 CYCLES);
- 4-3.DURABILITY : 10,000 MATING CYCLES.
- 4-4.OPERATING TEMPERATURE :-40°C TO +80°C

TABLE 1:

| ⑧   | GLUE WATER | 1   | EPOXY           | BLACK;          |          |
|-----|------------|-----|-----------------|-----------------|----------|
| ⑦   | Shell-2    | 1   | Stainless steel | NI PLATING;     | T=0.20mm |
| ⑥   | Shell-1    | 1   | Stainless steel | NI PLATING;     | T=0.20mm |
| ⑤   | GND PLATE  | 1   | Stainless steel | NI PLATING;     | T=0.10mm |
| ④   | MID PLATE  | 1   | Stainless steel |                 | T=0.15mm |
| ③   | Terminal-B | 12  | 铜镍硅合金           | Au:1u" PLATING; | T=0.12mm |
| ②   | Terminal-A | 12  | 铜镍硅合金           | Au:1u" PLATING; | T=0.12mm |
| ①   | Housing    | 1   | HIGH TEMP       | Black           |          |
| NO. | PART NAME  | QTY | MATERIAL        | DESCRIPTION     | REMARK   |

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 CF WATERPROOF  
CL=0.30 沉板1.40mm DIP TYPE  
客户图

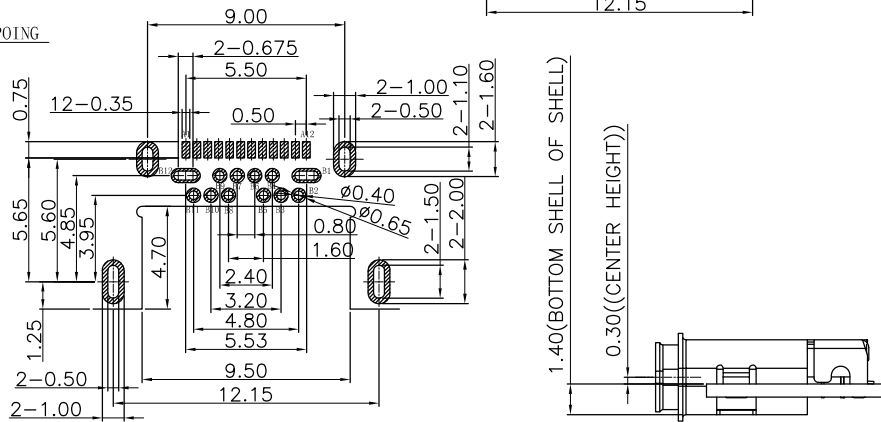
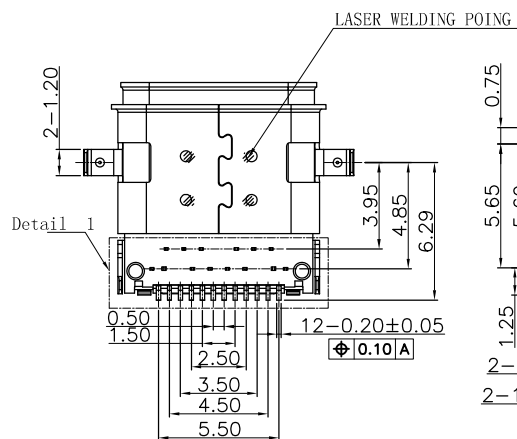
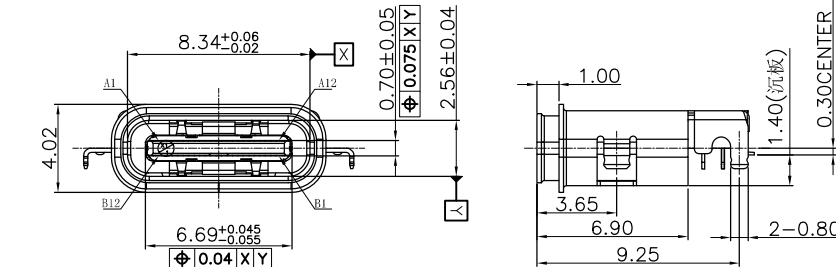
P/N: U501T24J125ZL2

MODEL: U501-25 Series

DRAW NO.: \_\_\_\_\_



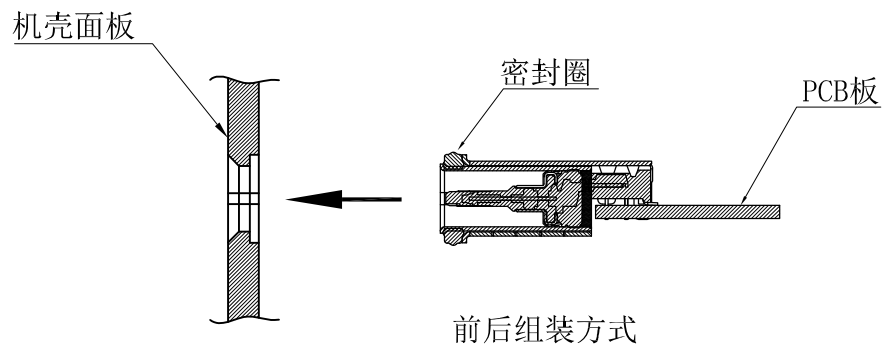
|                        |       |        |       |        |
|------------------------|-------|--------|-------|--------|
| THIRD ANGLE PROJECTION | UNIT: | SCALE: | SIZE: | SHEET: |
|                        | mm    | 1:1    | A4    | 1/2    |



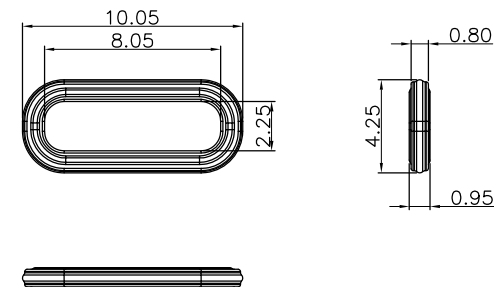
RECOMMENDED P.C.B LAYOUT(Both sides are sample)  
Tolerance:±0.05,Thickness=0.60mm

|            |      |             |            |        |          |        |            |
|------------|------|-------------|------------|--------|----------|--------|------------|
| JH2019-040 | X1   | 产品头部不漏钢片    | 2019.04.17 | Songbo | DESIGN   | Songbo | 2019.04.17 |
|            | X    | NEW DRAWING | 2018.10.17 | 李翔     | CHECK    | 殷芳祥    | 2019.04.17 |
| ECN NO.    | REV. | DESCRIPTION | DATE       | CHANGE | APPROVAL | 殷芳祥    | 2019.04.17 |

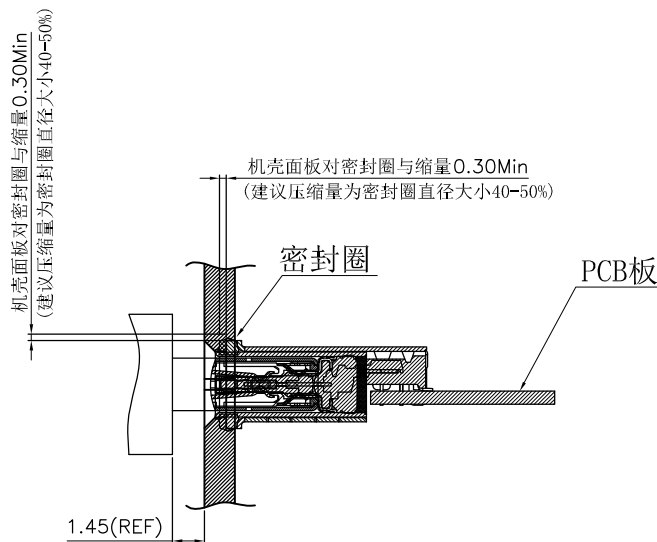
## 建议密封方式



前后组装方式



建议防水圈规格（材质硅橡胶）



组装面板后公母头对插示意图



|            |      |             |            |        |          |        |            |  |
|------------|------|-------------|------------|--------|----------|--------|------------|--|
|            |      |             |            |        | DESIGN   | Songbo | 2019.04.17 |  |
| JH2019-040 | X1   | 产品头部不漏钢片    | 2019.04.17 | 李翔     | CHECK    | 殷芳祥    | 2019.04.17 |  |
|            | X    | NEW DRAWING | 2018.10.17 | 李翔     | APPROVAL | 殷芳祥    | 2019.04.17 |  |
| ECN NO.    | REV. | DESCRIPTION | DATE       | CHANGE |          |        |            |  |

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° |

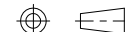
东莞市溪榜电子有限公司  
DONG GUAN XI BANG ELECTRONICS CO., LTD.TITLE:  
USB 3.1 CF WATERPROOF  
CL=0.30 沉板1.40mm DIP TYPE  
客户图

P/N: U501T24J125ZL2

MODEL: U501-25 Series

DRAW NO.: \_\_\_\_\_

THIRD ANGLE PROJECTION



UNIT:

mm

SCALE:

1:1

SIZE:

A4

SHEET:

2/2