

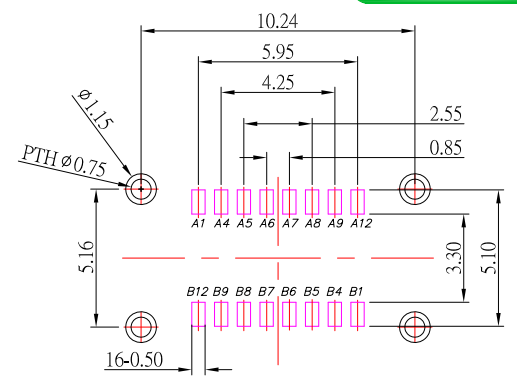
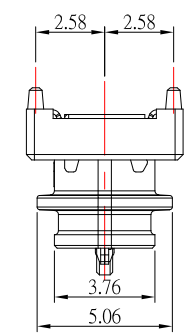
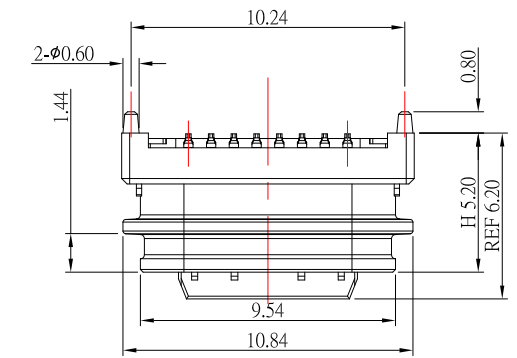
IPX8



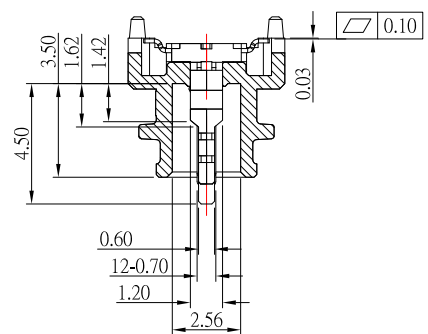
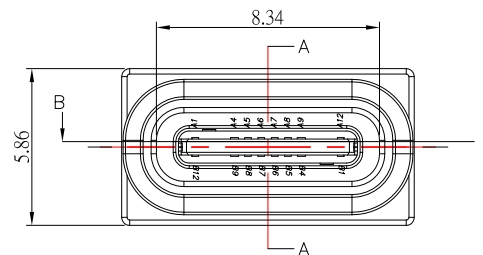
SBC-WP160VS2-20x-S382

鍍層厚度：

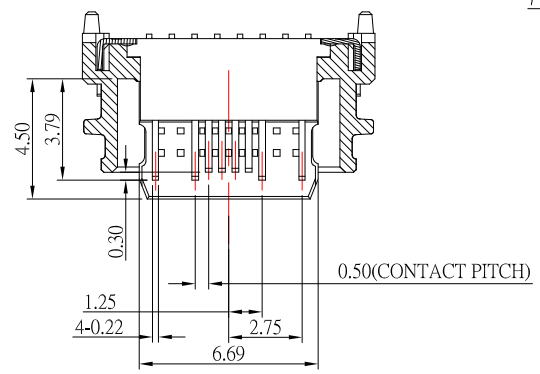
| |
|-------------|
| Blank : 1u" |
| 2 : 15u" |
| 3 : 30u" |



RECOMMENDED PCB LAYOUT



SECTION A-A



SECTION B-B

SPECIFICATIONS

- Electrical:**
1. Rating: 3.0 A
 2. Contact Resistance: 40 mΩ Max
 3. Insulation Resistance: 100 MΩ Min

- Mechanical:**
1. Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

- Material:**
1. Housing: PA9T
 2. Contact: C2680
 3. Shell: SUS
- Finish:**
1. Contact: Plated Gold in Mating Area ;
Gold Plated on Solder Balls ;
Nickel under plated overall
 2. Shell: Nickel under Plated surface layer

| Pin | Signal Name | Mating Sequence | Pin | Signal Name | Mating Sequence |
|-------|------------------|-----------------|-------|------------------|-----------------|
| A1 | GND | First | B12 | GND | First |
| 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 |
| A12 | GND | First | B1 | GND | First |
| SHELL | GND | | SHELL | GND | |

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

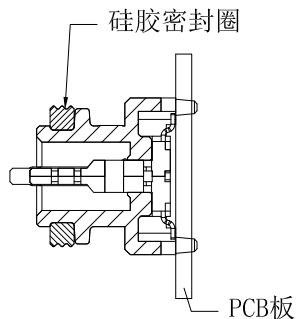
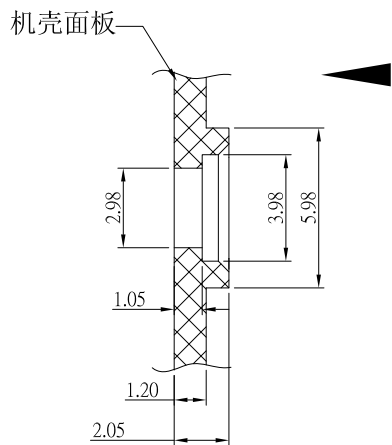
TOLERANCE UNLESS OTHERWISE STATED :
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5

3RD. ANGEL'S UNITS MM

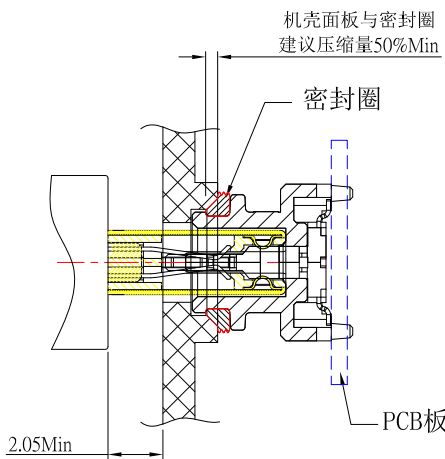
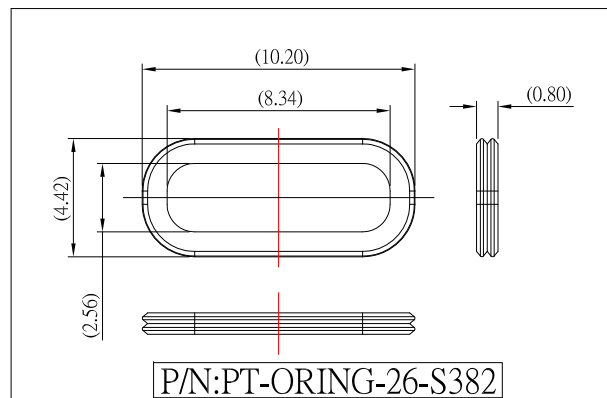
| | | | | |
|--------------|----------|-----------|----------|---|
| DRAWN BY: | DATE | MAT'L | TITLE | CONNECTOR |
| Jack Lu | 08/11/22 | | MODLE | USB C TYPE 180度 SMT 2.0 Female H5.20防水型 |
| CHECKED BY: | DATE | FINISH | SCALE | 1 : 1 |
| Jacky Chen | 08/11/22 | | DWG NO. | SBC-WP160VS2-20x-S382 |
| APPROVED BY: | DATE | SHEET NO. | PART NO. | SBC-WP160VS2-20x-S382 |
| Tony Kao | 08/11/22 | 1 of 2 | | |

| | | | |
|----------|-------------|-------|--------|
| 1 | 新增O-RING圖 | Jack | 081122 |
| ITEM NO. | DESCRIPTION | DRAWN | DATE |

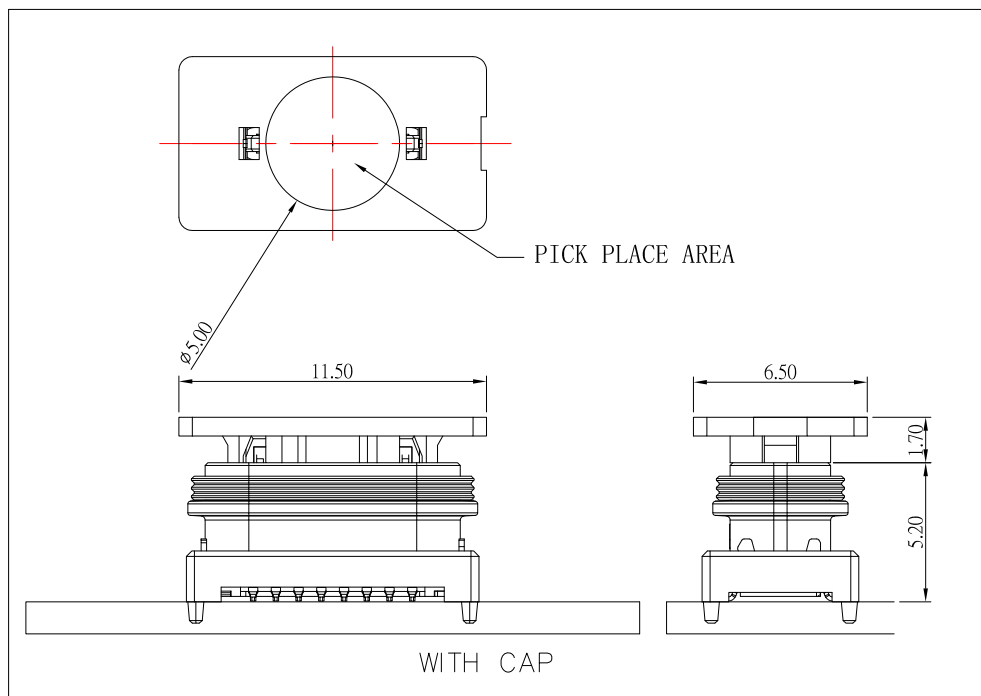
IPX8



组装方式，左右方向装配



组装面板后公母头对插示意图



CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED:
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5

3RD. ANGEL'S



UNITS MM

| | | | | |
|--------------|----------|--------|-----------|--|
| DRAWN BY: | DATE | MAT'L | TITLE | CONNECTOR |
| Jack Lu | 08/11/22 | | MODLE | USB C TYPE 180 度 SMT 2.0 Female H5.20防水型 |
| CHECKED BY: | DATE | FINISH | DWG NO. | SBC-WP160VS2-20x-S382 |
| Jacky Chen | 08/11/22 | | PART NO. | SBC-WP160VS2-20x-S382 |
| APPROVED BY: | DATE | SCALE | SHEET NO. | 1 of 2 |
| Tony Kao | 08/11/22 | 1 : 1 | | |

| | | | |
|----------|-------------|-------|--------|
| 1 | 新增O-RING圖 | Jack | 081122 |
| ITEM NO. | DESCRIPTION | DRAWN | DATE |