



鍍層厚度：

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

| A1    | A2  | A3  | A4    | A5     | A6     | A7     | A8     | A9    | A10 | A11 | A12   |
|-------|-----|-----|-------|--------|--------|--------|--------|-------|-----|-----|-------|
| GND   |     |     | VBUS  | CC1    | D+     | D-     | SBU1   | VBUS  |     |     | GND   |
| First |     |     | First | Second | Second | Second | Second | First |     |     | First |
|       |     |     |       |        |        |        |        |       |     |     |       |
| B12   | B11 | B10 | B9    | B8     | B7     | B6     | B5     | B4    | B3  | B2  | B1    |
| GND   |     |     | VBUS  | SBU2   | D-     | D+     | CC2    | VBUS  |     |     | GND   |
| First |     |     | First | Second | Second | Second | Second | First |     |     | First |

SPECIFICATIONS

Electrical:

- Rating: 5.0A (V BUS&GND), 0.25A(Other Pin)
- Voltage rating: 12V 24V AC
- C 'ontact Resistance: 40 mΩ2 Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC
- Operating temperature: -40° C~ +85° C
- Waterproof grade: IP 50
- Durability cycle:10,000 cycles

Mechanical:

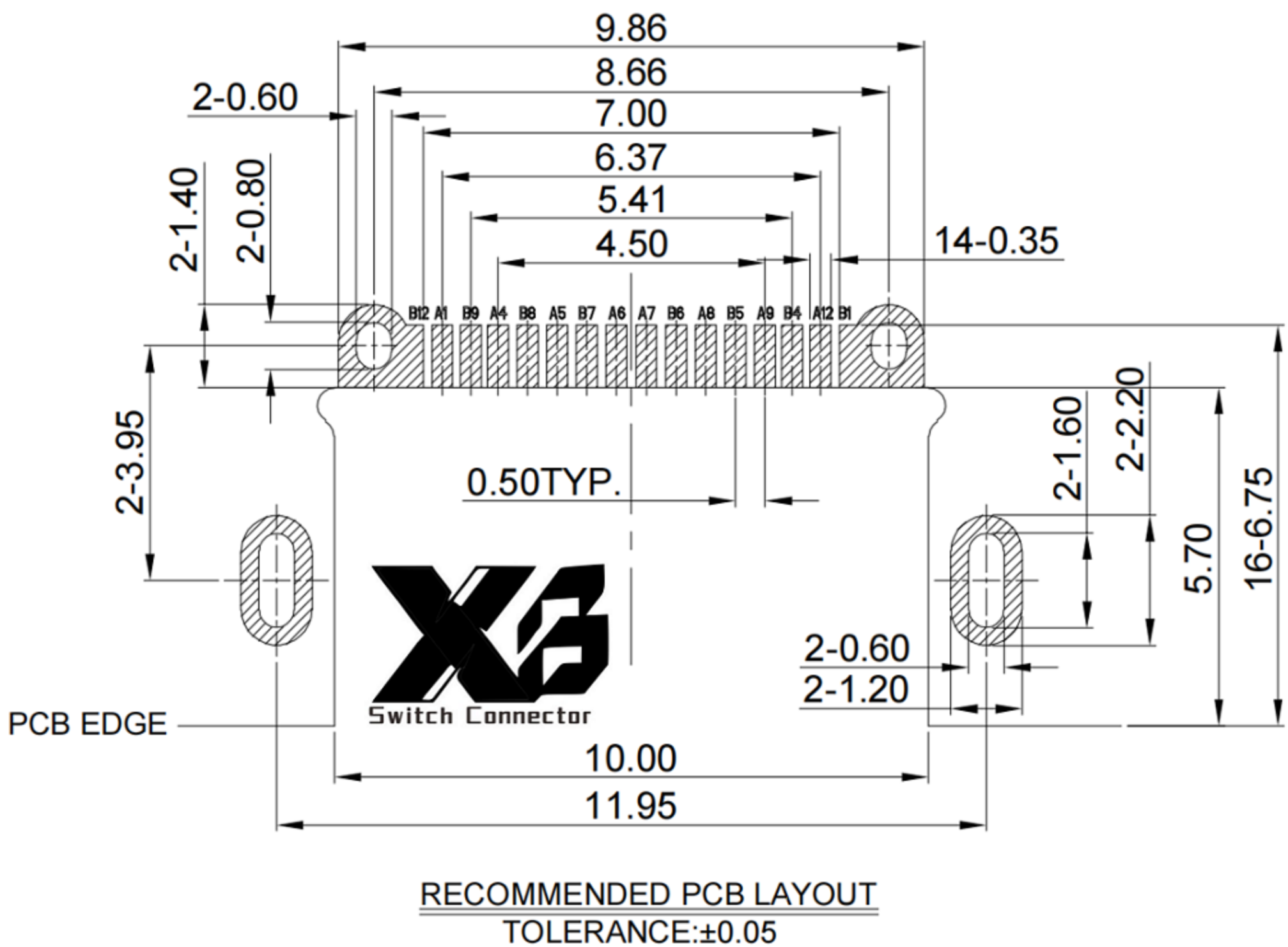
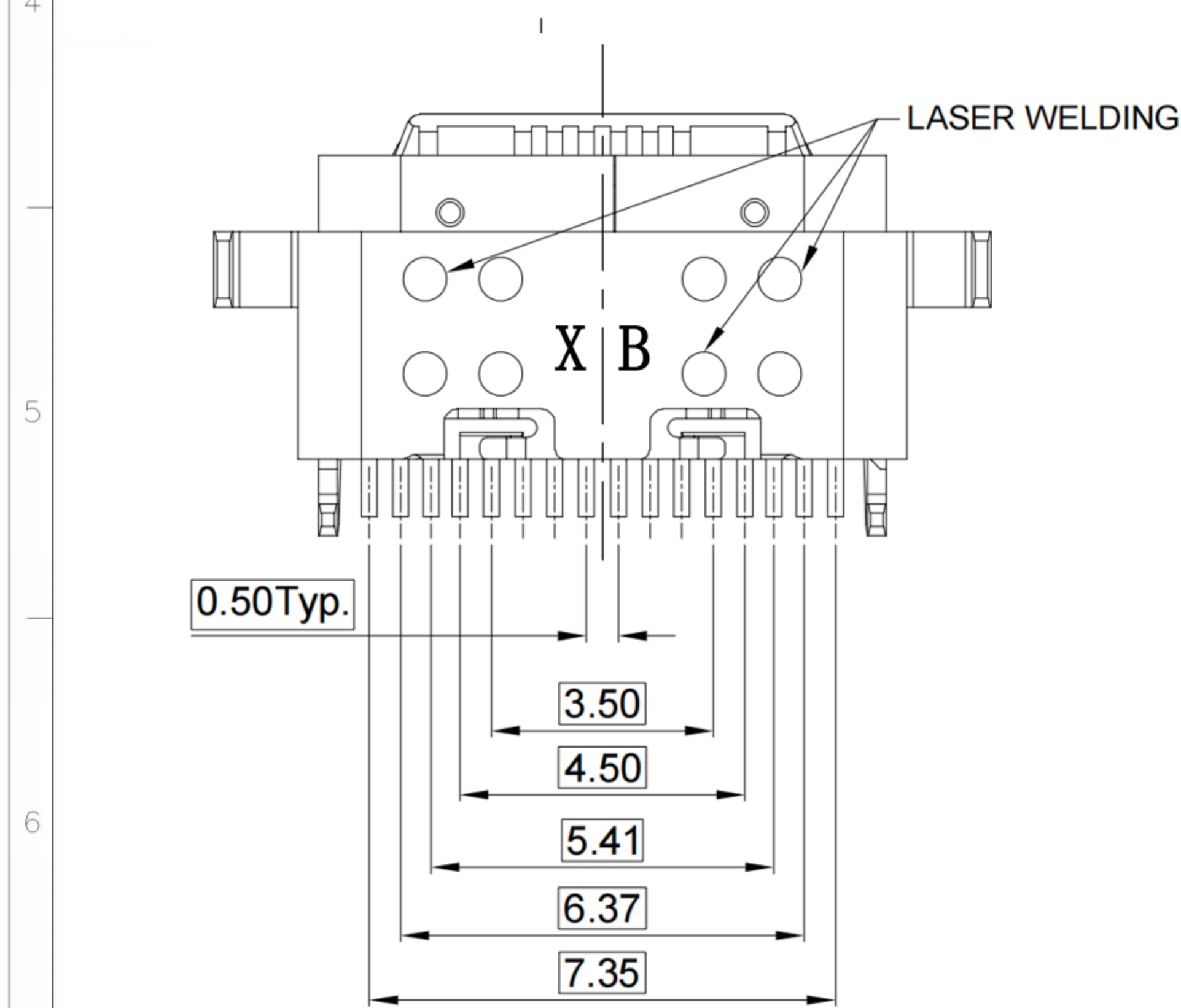
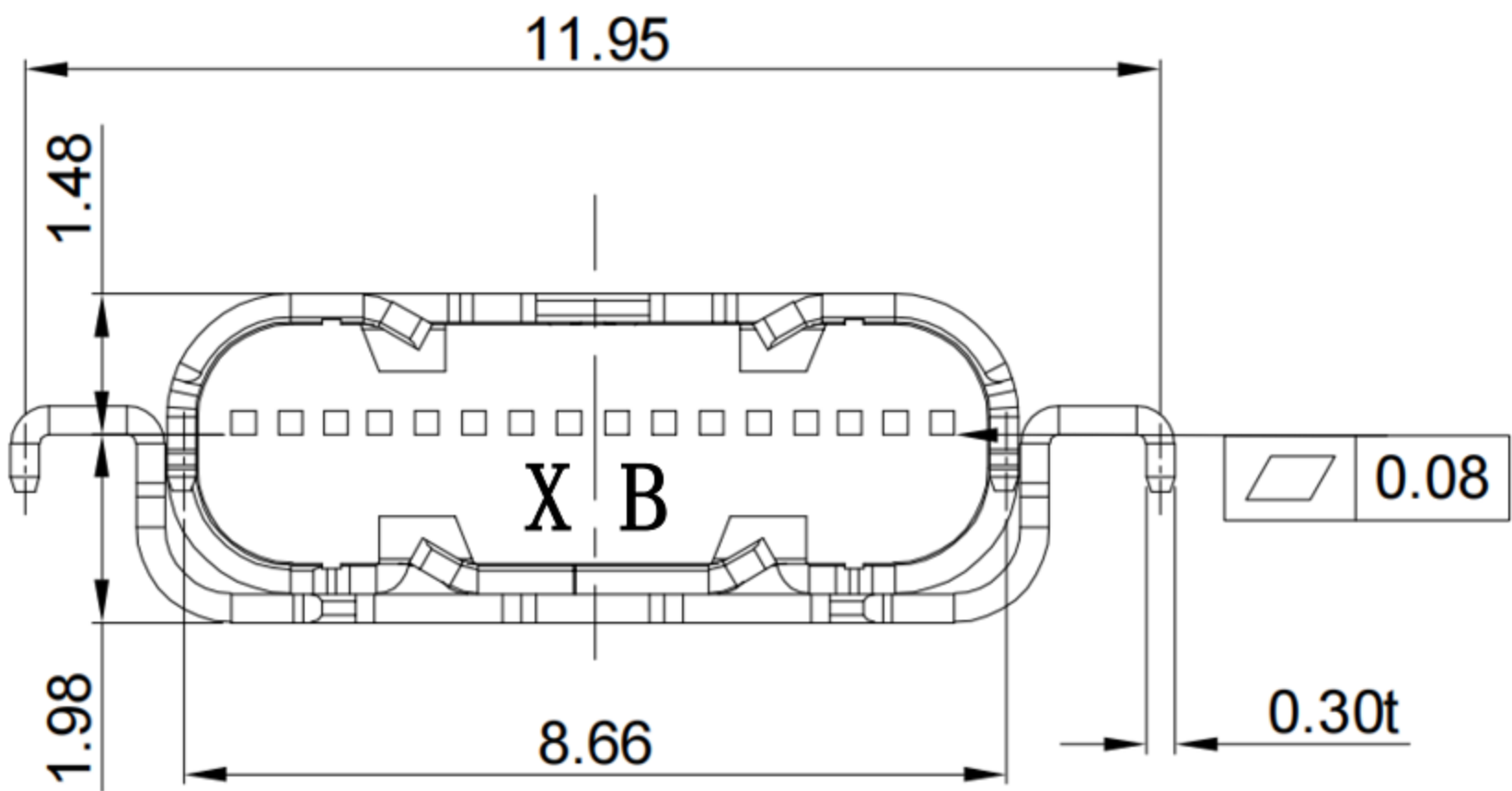
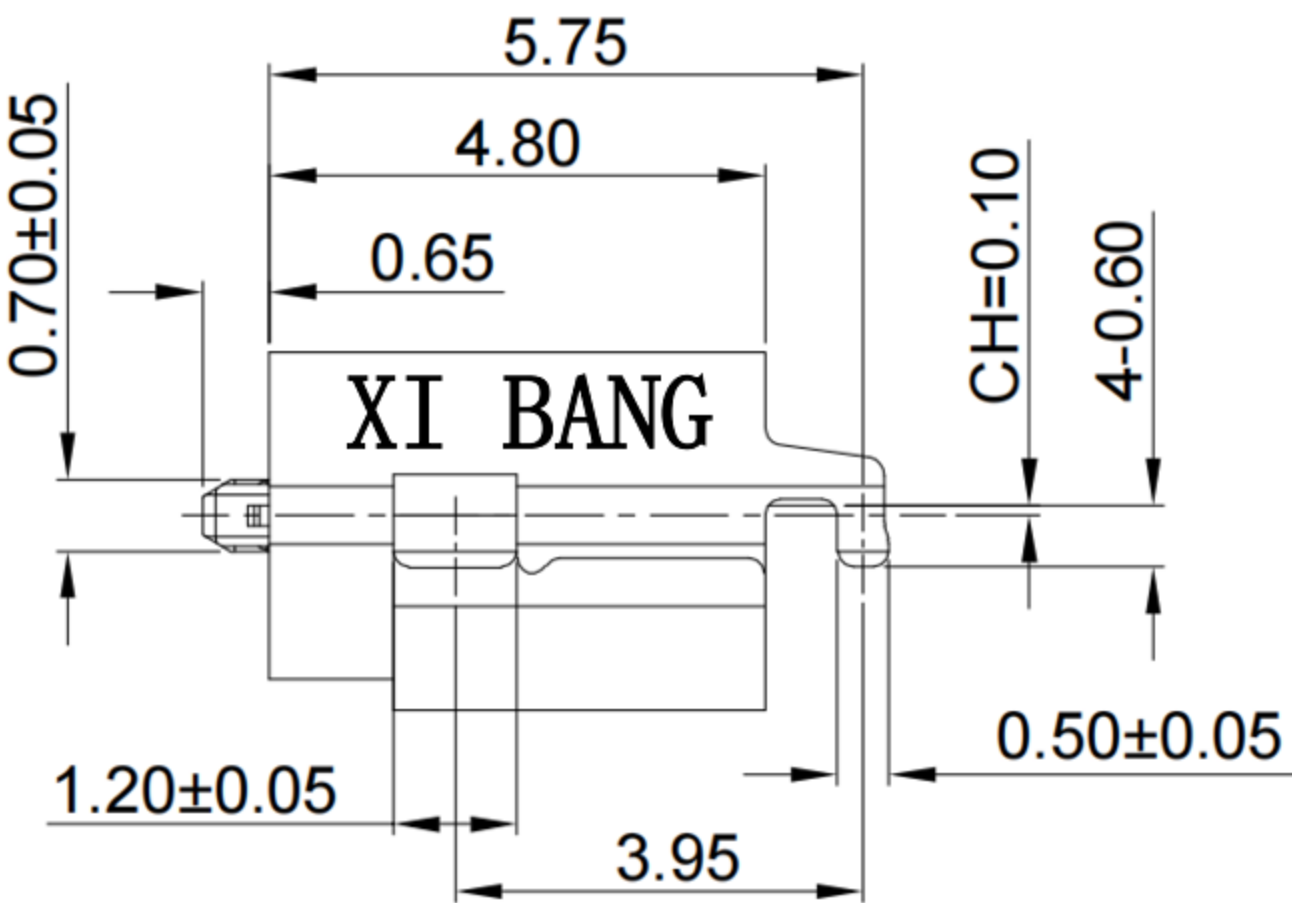
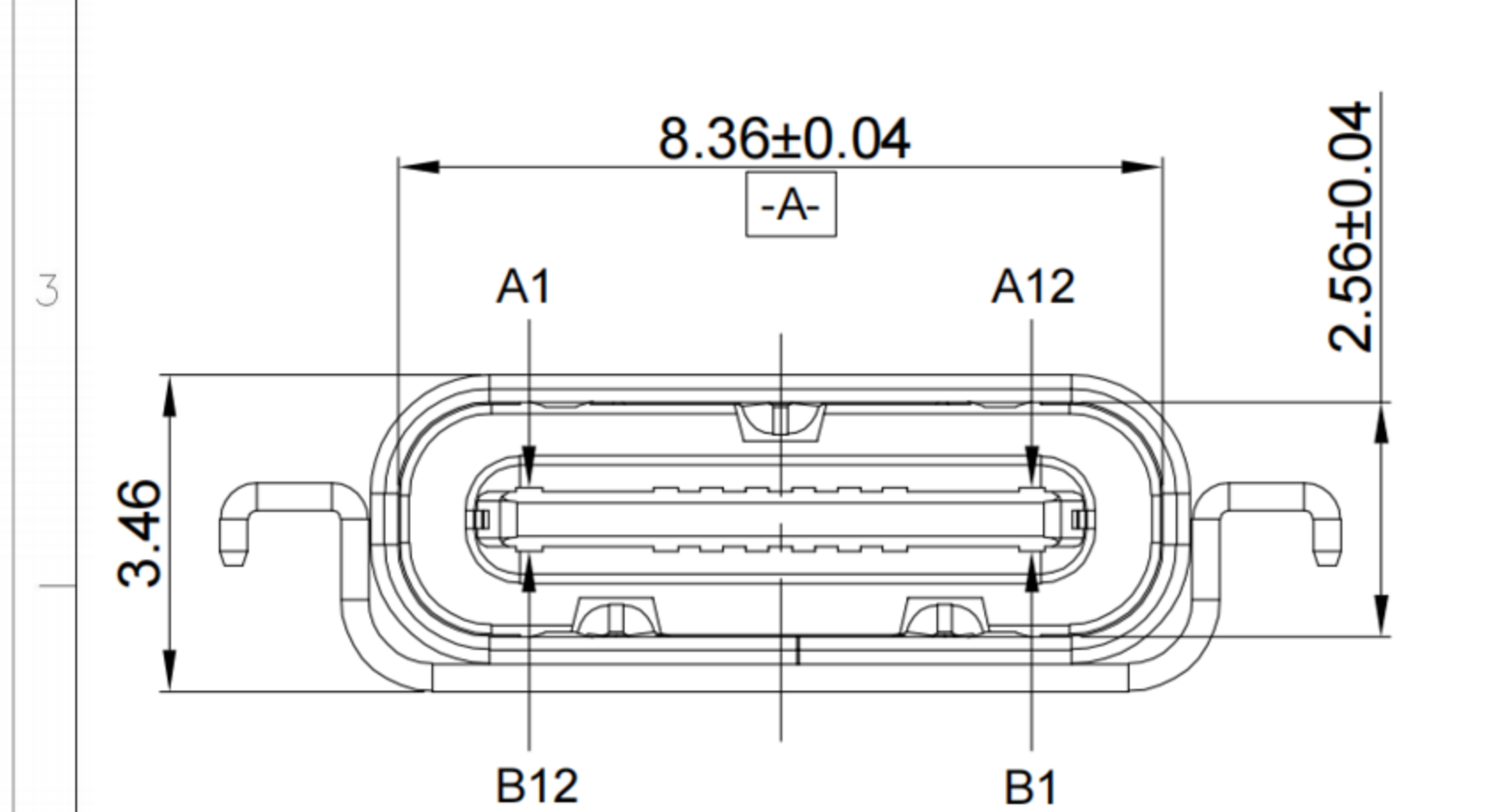
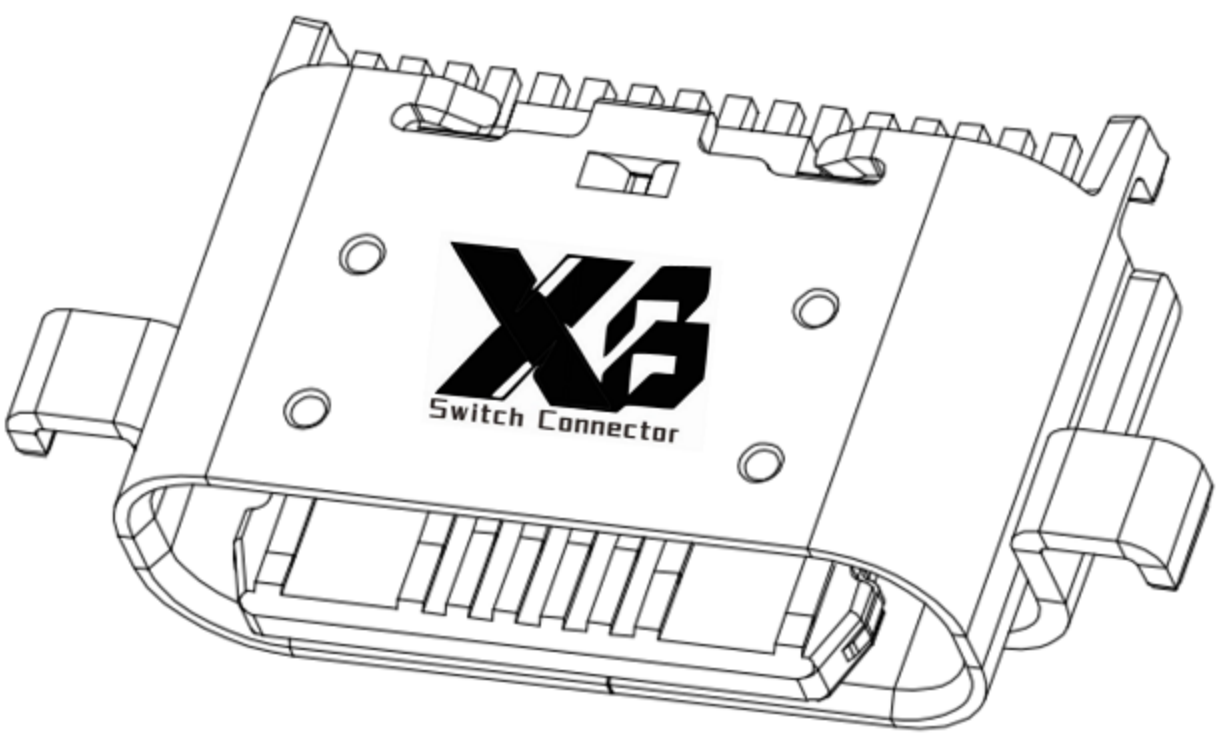
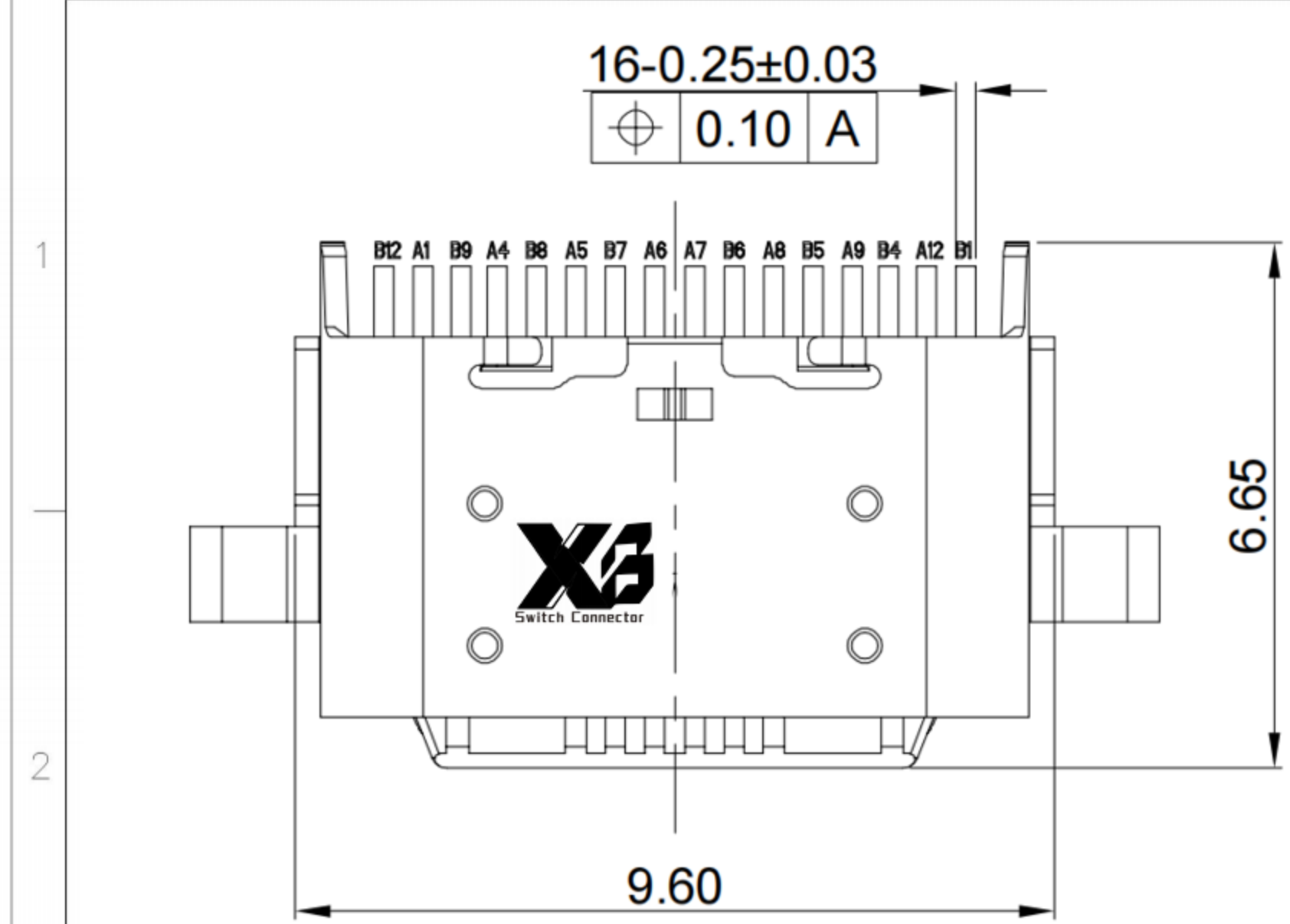
- Connector Mate and Unmate Force
- 1.1 Mate force: 5~20 N .
- 1.2 Unmate force: 8~20 N

Material:

- Housing: LCP
- Contact: C18400
- Shell: SUS
- O-ring: Silicone

Finish:

- Contact: Plated Gold in Mating Area ;  
Tin Plated on Solder Balls ;  
Nickel under plated overall
- Shell: Nickel under Plated surface layer



| 1        | 更新圖面        | Jack  | 031022 |
|----------|-------------|-------|--------|
| ITEM NO. | DESCRIPTION | DRAWN | DATE   |



东莞市溪榜电子有限公司  
DONG GUAN XI BANG ELECTRONICS CO., LTD.

|                                     |                                                                    |                                       |                 |       |    |
|-------------------------------------|--------------------------------------------------------------------|---------------------------------------|-----------------|-------|----|
| TOLERANCE UNLESS OTHERWISE STATED : | Up to 5<br>Above 5 ~ 15<br>Above 15 ~ 30<br>Above 30 ~ 50<br>Angle | ±0.2<br>±0.3<br>±0.4<br>±0.5<br>±0.3° | 3RD.<br>ANGEL'S | UNITS | MM |
|-------------------------------------|--------------------------------------------------------------------|---------------------------------------|-----------------|-------|----|

|              |          |           |          |                                                             |
|--------------|----------|-----------|----------|-------------------------------------------------------------|
| DRAWN BY:    | DATE     | MAT'L     | TITLE    | CONNECTOR                                                   |
| Jack Lu      | 03/10/22 | FINISH    | MODLE    | Horizontal Type-c 16P Female<br>SMT Sink1.98 CH=0.1 L=4.8mm |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.  | XB-USB-C-1630                                               |
| Jacky Chen   | 03/10/22 | 1 : 1     | PART NO. |                                                             |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1   |                                                             |
| Tony Kao     | 03/10/22 |           |          |                                                             |

SIZE  
A4  
VER  
R1