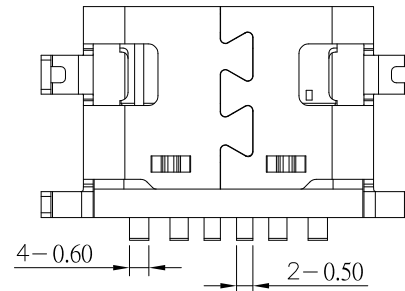
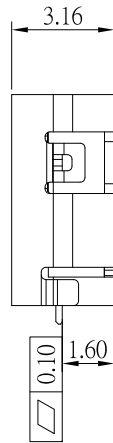
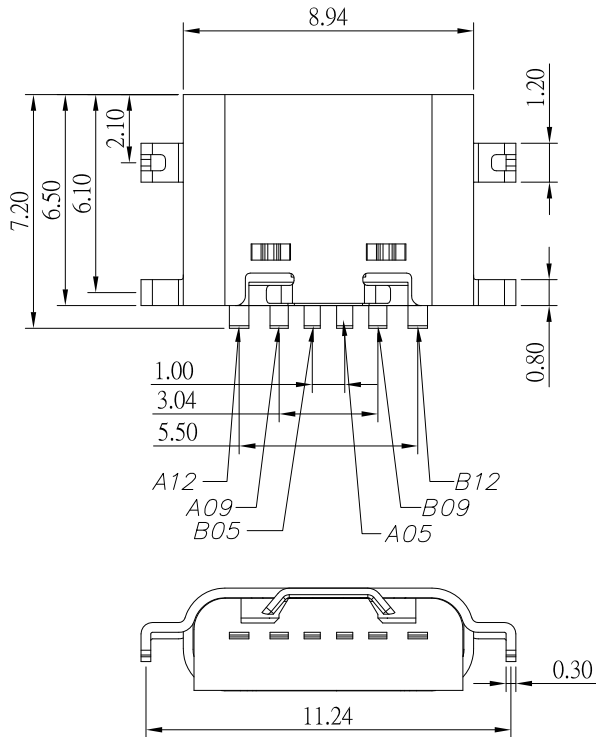
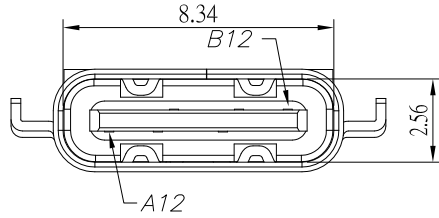




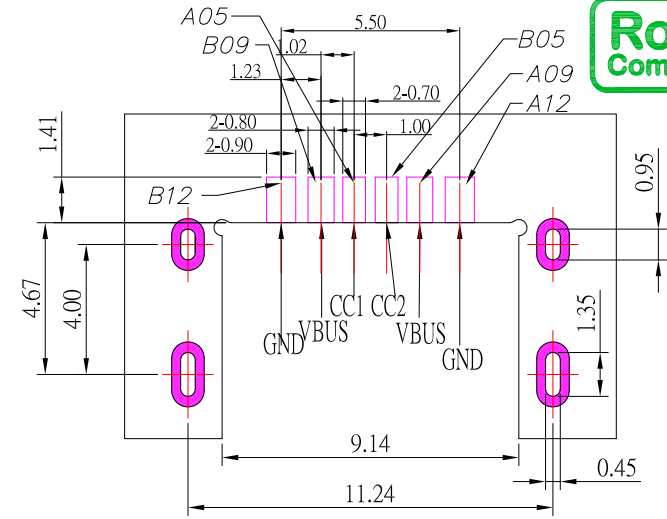
# SBC-060M5-20x-S412

鍍層厚度：

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



|     |             |
|-----|-------------|
| B12 | GND         |
| B9  | VBUS        |
| B5  | CC2         |
| A5  | CC1         |
| A9  | VBUS        |
| A12 | GND         |
| PIN | SIGNAL NAME |



## RECOMMENDED P.C.B. LAYOUT

### SPECIFICATIONS

#### Electrical:

1. Rating: 20 V, 3.0 A for VBUS, 1.25A for GND  
0.25A for other

2. Dielectric Withstand Voltage: 100V AC

3. Contact Resistance: 40 mΩ Max

4. 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: LCP

2. Contact: COPPER ALLOY

3. Shell: SUS

#### Finish:

1. Contact: Plated Gold in Mating Area ;

Tin Plated on Solder Balls ;

Nickel under plated overall

2. Shell: Nickel under Plated surface layer

**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  
Angle ±0.3°

3RD. ANGEL'S



UNITS

MM

|              |          |
|--------------|----------|
| DRAWN BY:    | DATE     |
| Jack Lu      | 07/02/20 |
| CHECKED BY:  | DATE     |
| Jacky Chen   | 07/02/20 |
| APPROVED BY: | DATE     |
| Tony Kao     | 07/02/20 |

|           |        |          |                                   |
|-----------|--------|----------|-----------------------------------|
| MAT'L     |        | TITLE    | CONNECTOR                         |
| FINISH    |        | MODLE    | USB C TYPE 2.0 Female SMT 6PIN 沉板 |
| SCALE     | 1 : 1  | DWG NO.  | SBC-060M5-20x-S412                |
| SHEET NO. | 1 of 1 | PART NO. | SBC-060M5-20x-S412                |
|           |        | SIZE     | A4                                |
|           |        | VER      | R2                                |

|          |             |       |        |
|----------|-------------|-------|--------|
| ITEM NO. | DESCRIPTION | DRAWN | DATE   |
| 2        | 更新圖面        | Jack  | 070220 |
| 1        | 更新尺寸        | Jack  | 111119 |