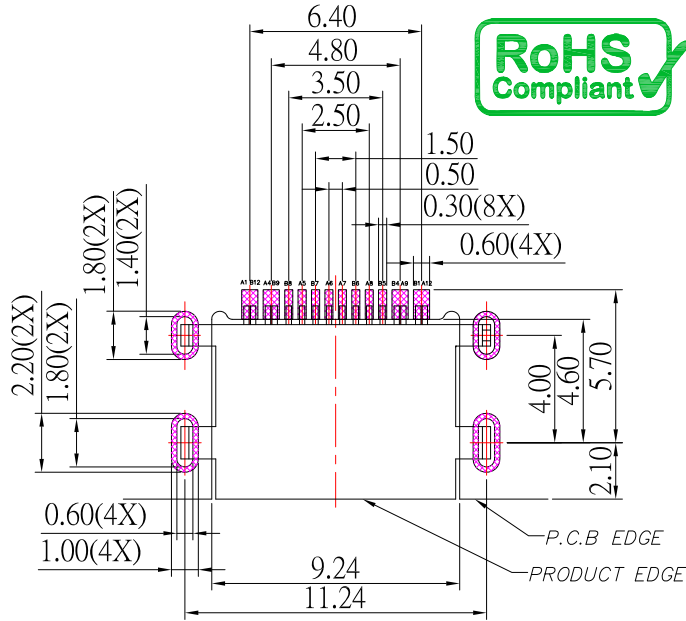
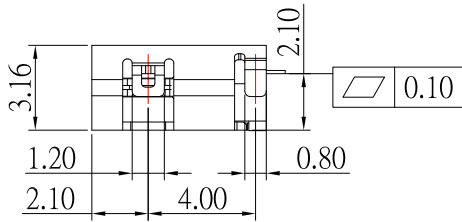
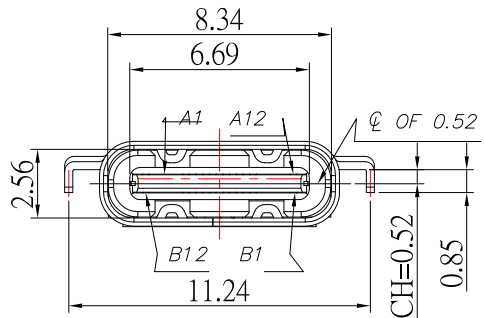
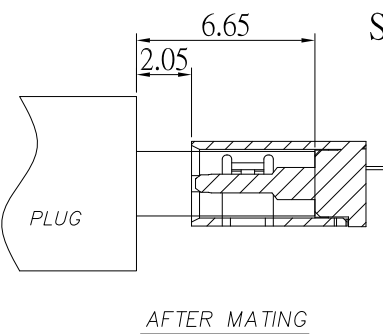
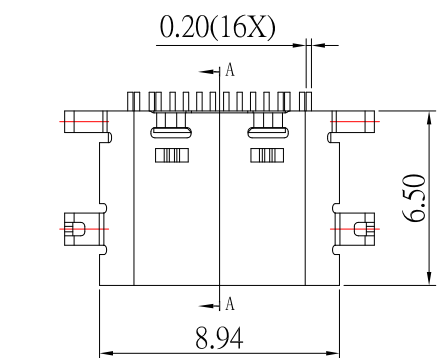




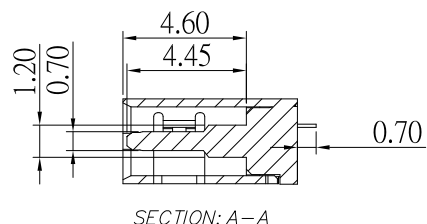
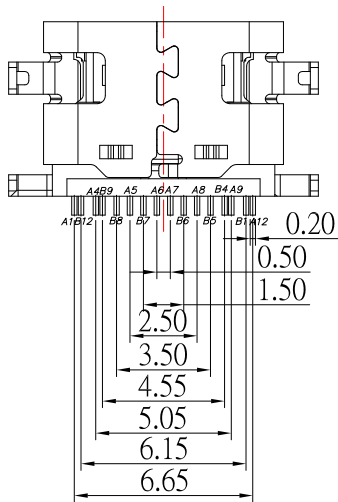
# SBC-160M8H-20x-S332

鍍層厚度：

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



RECOMMENDED PCB LAYOUT



SECTION: A-A

## USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A12        | GND         | B1         | GND         |

## SPECIFICATIONS

### Electrical:

- Rating: 5.0V , 5.0 A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min

### Mechanical:

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

### Material:

- Housing: PA9T
- Contact: C1814
- Shell: SUS

### Finish:

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

## 東莞市高迪電子有限公司

DONG GUAN GAO DI ELECTRONICS CO., LTD

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     | MAT'L     | TITLE    | CONNECTOR               |
| Jack Lu      | 11/01/23 |           |          |                         |
| CHECKED BY:  | DATE     | FINISH    | MODLE    | USB TYPE C 2.0 沉板 2.1mm |
| Jacky Chen   | 11/01/23 |           |          |                         |
| APPROVED BY: | DATE     | SCALE     | DWG NO.  | SBC-160M8H-20x-S332     |
| Tony Kao     | 11/01/23 | 1 : 1     |          |                         |
|              |          | SHEET NO. | PART NO. | SBC-160M8H-20x-S332     |
|              |          | 1 of 1    |          |                         |

| ITEM NO | DESCRIPTION | DRAWN | DATE   |
|---------|-------------|-------|--------|
| 2       | 更新料號        | Jack  | 110123 |
| 1       | 刪除尺寸        | Jack  | 100523 |