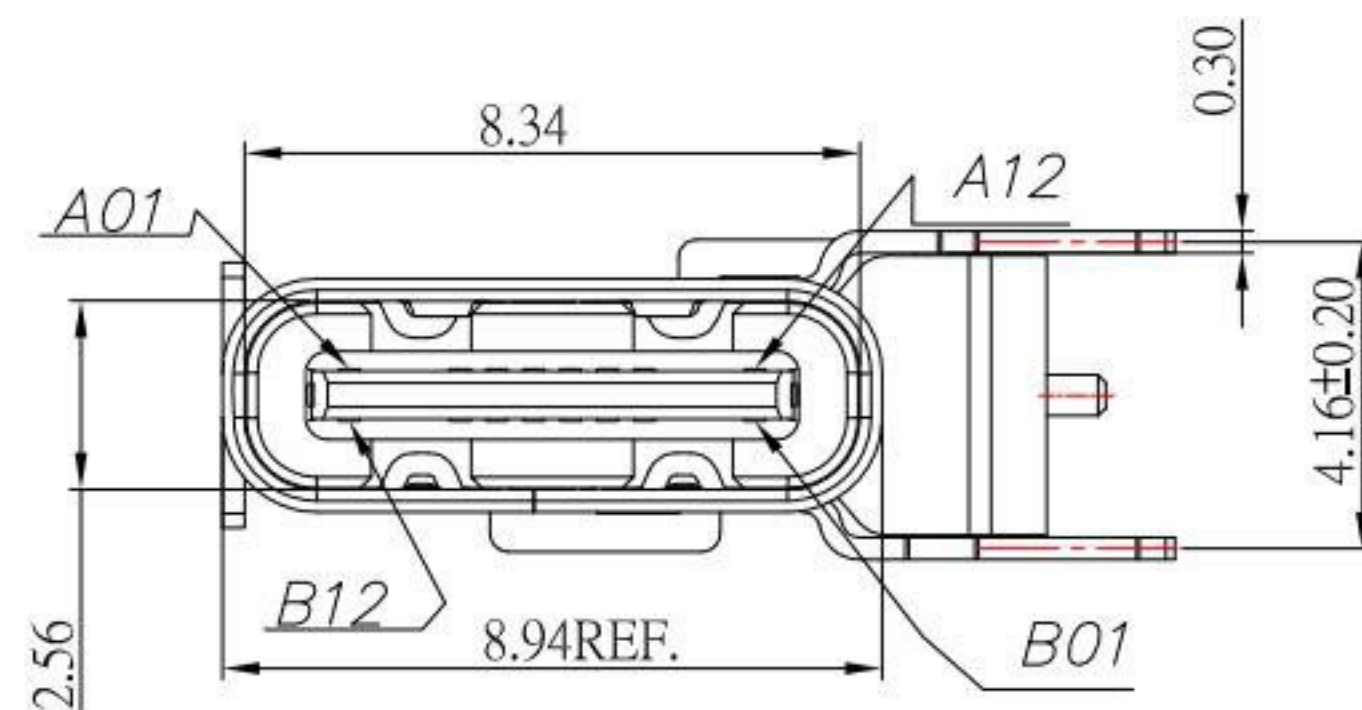
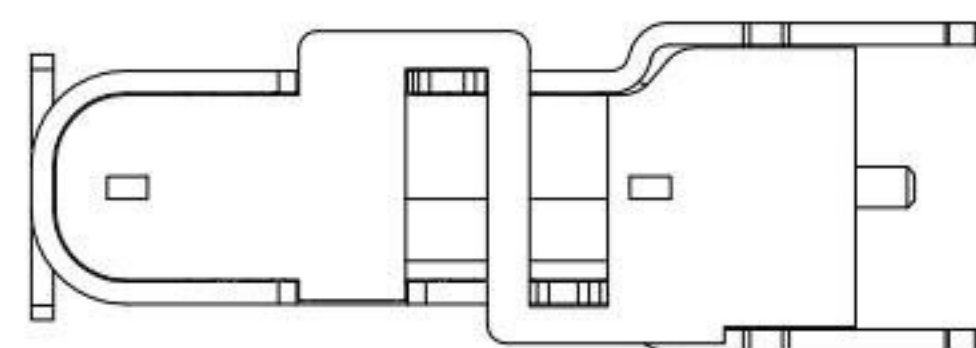


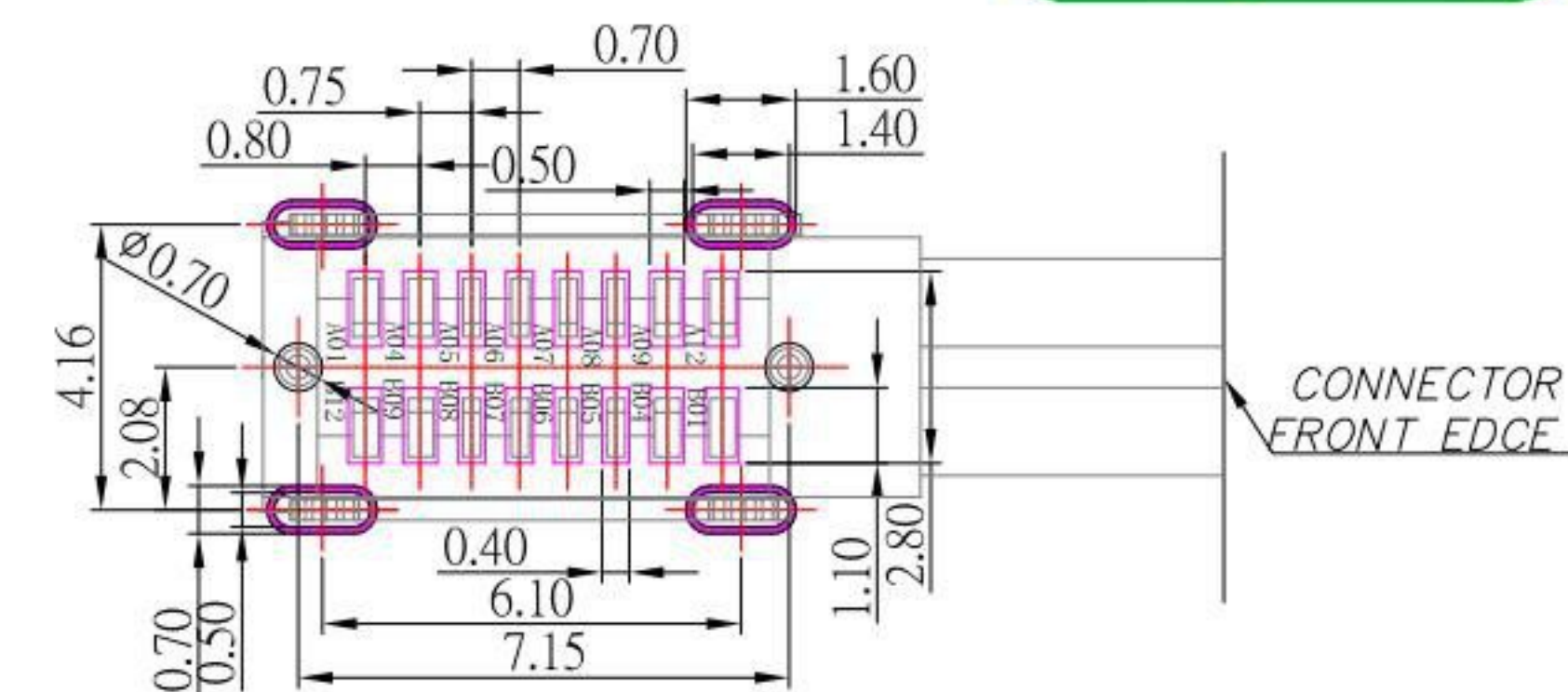
# SBC-160P2-20x-S412

鍍層厚度：

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



|     |             |     |             |
|-----|-------------|-----|-------------|
| A1  | GND         | B12 | GND         |
| A4  | VBUS        | B9  | VBUS        |
| A5  | CC1         | B8  | SBU2        |
| A6  | D+          | B7  | D-          |
| A7  | D-          | B6  | D+          |
| A8  | SBU1        | B5  | CC2         |
| A9  | VBUS        | B4  | VBUS        |
| A12 | GND         | B1  | GND         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |



RECOMMENDED P.C.B. LAYOUT

## SPECIFICATIONS

### Electrical:

- Rating: 3.0 A
- Dielectric Withstand Voltage: 150V AC
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min

### Mechanical:

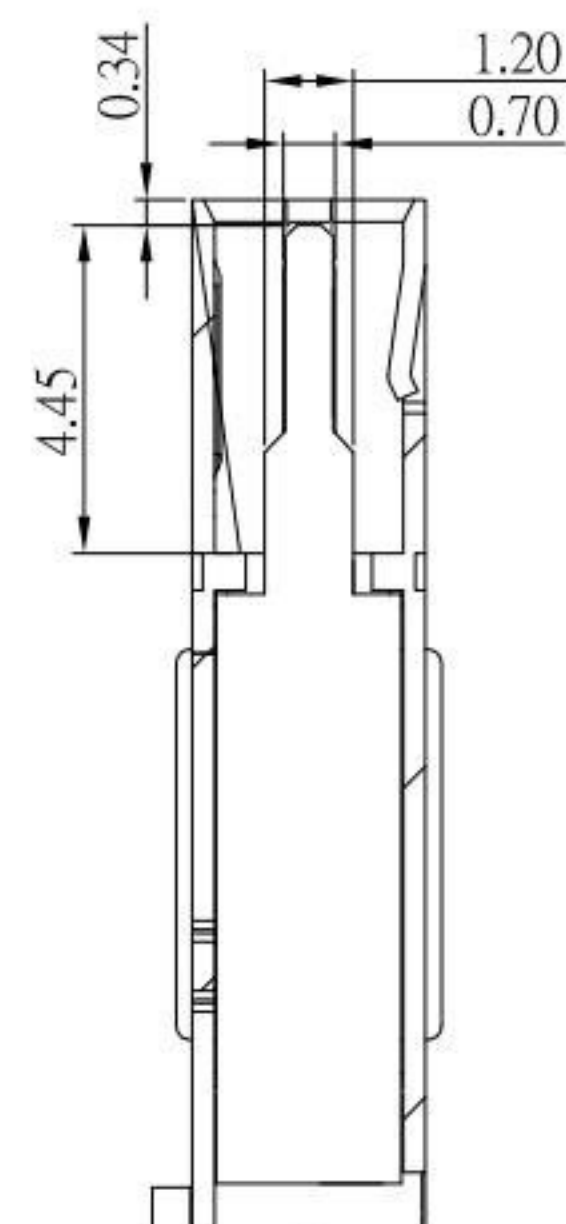
- Connector Mate and Unmate Force
  - Mate force: 5~20 N
  - Unmate force: 8~20 N

### Material:

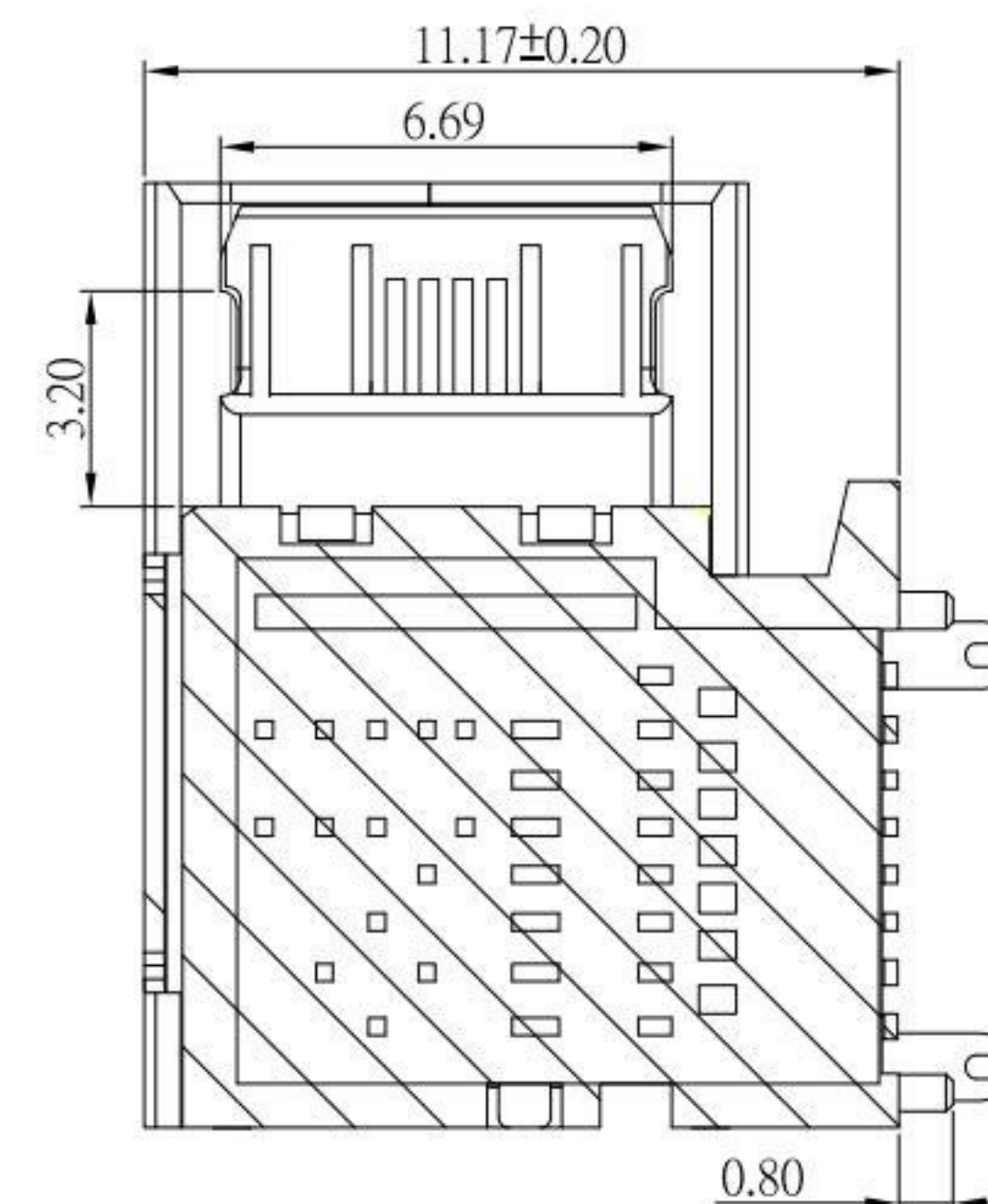
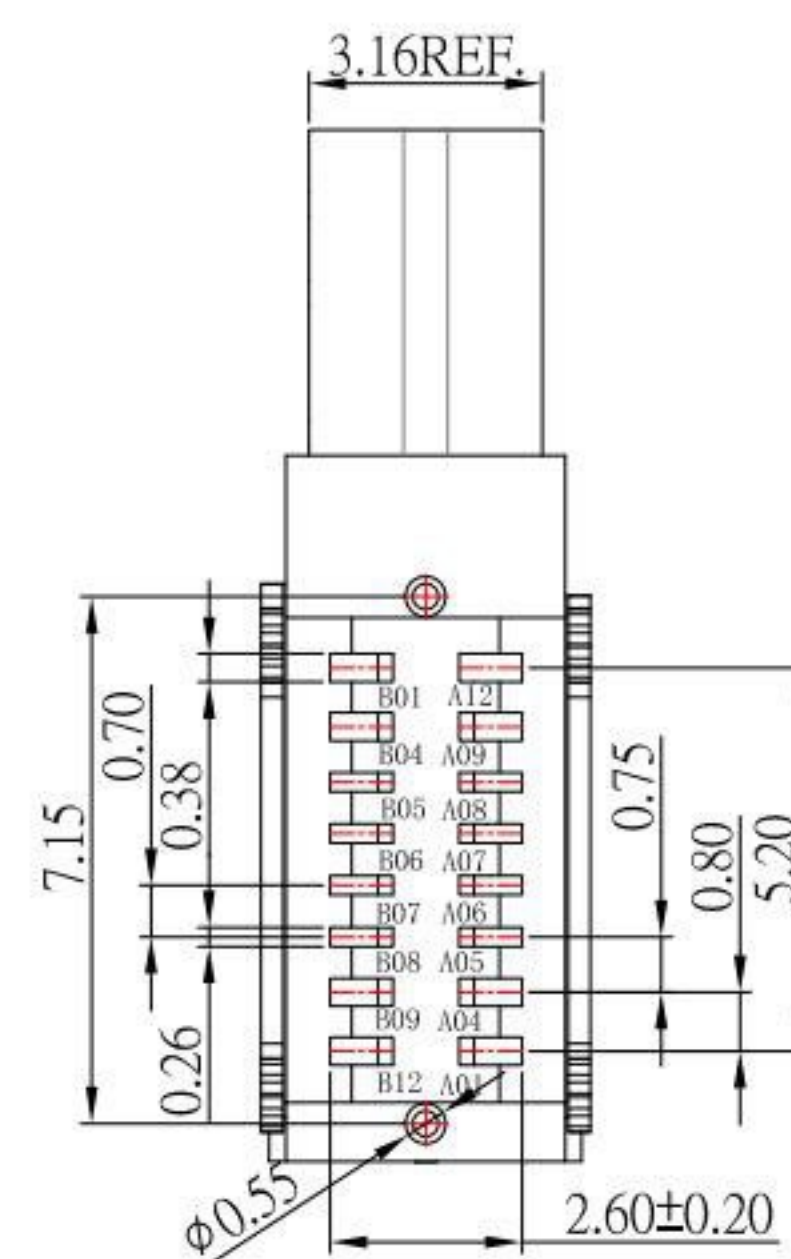
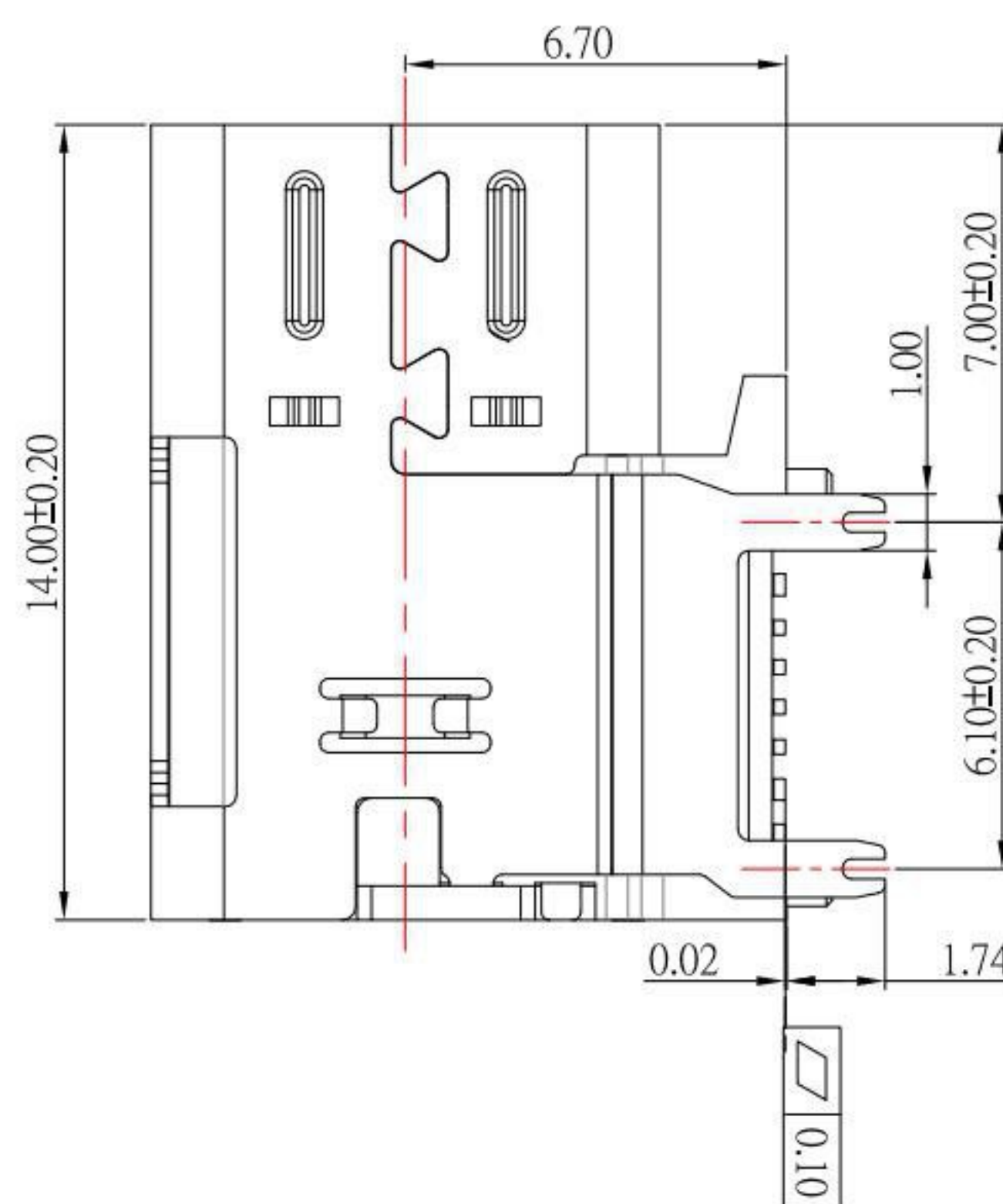
- Housing: LCP
- Contact: C7025
- Shell: SUS

### Finish:

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



剖視圖



剖視圖

**KSD**  
SWITCH CONNECTOR  
全球 互聯零組件 制造企业

科斯达电子科技有限公司  
KSD ELECTRONIC TECHNOLOGY Co., LTD

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

|              |          |           |          |                        |
|--------------|----------|-----------|----------|------------------------|
| DRAWN BY:    | DATE     | MAT'L     | TITLE    | CONNECTOR              |
| Jack Lu      | 05/09/22 | FINISH    | MODLE    | USB 3.1 側插母座 16 PIN 墊高 |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.  | SBC-160P2-20x-S412     |
| Jacky Chen   | 05/09/22 | 1 : 1     | PART NO. | SBC-160P2-20x-S412     |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1   |                        |
| Tony Kao     | 05/09/22 |           |          |                        |

|          |             |       |        |
|----------|-------------|-------|--------|
| 3        | 更新圖面        | Jack  | 050922 |
| 2        | 新增尺寸及剖視圖    | Jack  | 011922 |
| 1        | 新增尺寸        | Jack  | 052121 |
| ITEM NO. | DESCRIPTION | DRAWN | DATE   |