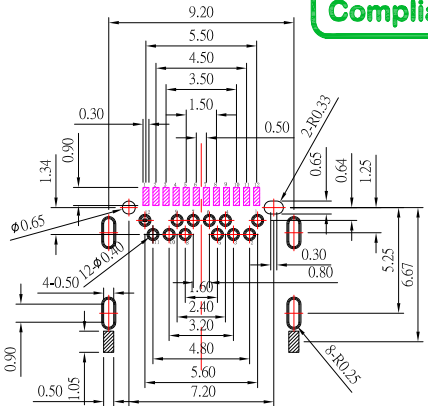




SBC-240S15-31x-S242

鍍層厚度:

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



P.C.B LAYOUT MOUNTING PATTERN

SPECIFICATIONS

Electrical:

- 1.Current Rating: 1.25A For VBUS AND GND
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min
- 4.Dielectric Withstanding Voltage: 100V AC

Mechanical:

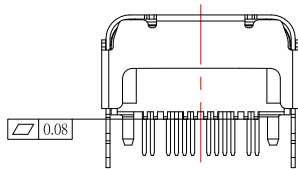
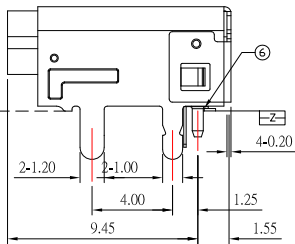
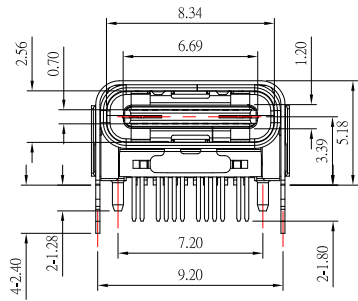
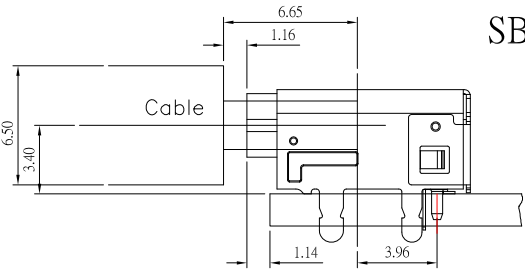
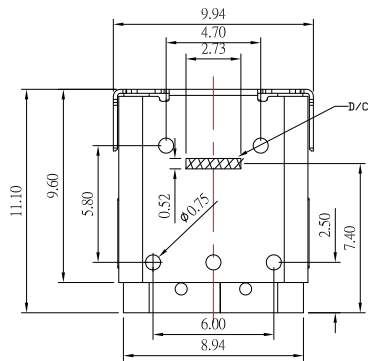
- 1.Connector Mate and Unmate Force
  - 1.1 Mate force: 5~20 N
  - 1.2 Unmate force: 6~20 N

Material:

- 1.Housing:LCP
- 2.Contact:C18400
- 3.Shell: Stainless Steel

Finish:

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



PIN ASSIGNMENT:

| Pin No. | Signal Name | Pin No. | Signal Name |
|---------|-------------|---------|-------------|
| A1      | GND         | B12     | GND         |
| A2      | SSTxp1      | B11     | SSRXp1      |
| A3      | SSTxn1      | B10     | SSRXn1      |
| A4      | VBUS        | B9      | VBUS        |
| A5      | CC1         | B8      | SBU2        |
| A6      | Dp1         | B7      | Dn2         |
| A7      | Dn1         | B6      | Dp2         |
| A8      | SBU1        | B5      | CC2         |
| A9      | VBUS        | B4      | VBUS        |
| A10     | SSRXn2      | B3      | SSTxn2      |
| A11     | SSRXp2      | B2      | SSTxp2      |
| A12     | GND         | B1      | GND         |

|          |                   |       |        |
|----------|-------------------|-------|--------|
| 3        | 更新樣式              | Jack  | 112521 |
| 2        | PCB LAYOUT更新PIN編號 | Jack  | 111021 |
| 1        | PCB LAYOUT新增PIN編號 | Jack  | 042619 |
| ITEM NO. | DESCRIPTION       | DRAWN | DATE   |

**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     | MAT'L     | TITLE    | CONNECTOR                               |
| Jack Lu      | 11/25/21 |           |          |                                         |
| CHECKED BY:  | DATE     | FINISH    | MODLE    | USB 3.1 TYPE C 母座板上 L11.0 板上墊高 CL 3.4mm |
| Jacky Chen   | 11/25/21 |           |          |                                         |
| APPROVED BY: | DATE     | SCALE     | DWG NO.  | SBC-240S15-31x-S242                     |
| Tony Kao     | 11/25/21 | 1 : 1     | PART NO. | SBC-240S15-31x-S242                     |
|              |          | SHEET NO. | 1 of 1   |                                         |