



SBC-240S2-31x-S242

鍍層厚度：

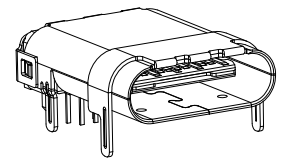
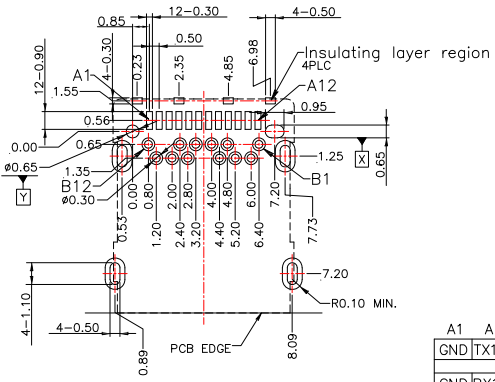
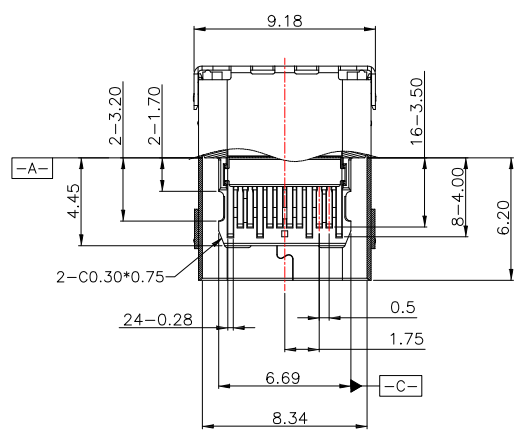
|             |
|-------------|
| Blank : 1u" |
| 2 : 15u"    |
| 3 : 30u"    |

SPECIFICATIONS

- Electrical:
- 1.Current Rating: 5.0A For VBUS Pin  
1.25A For VCONN Pin
  - 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: 8~20 N

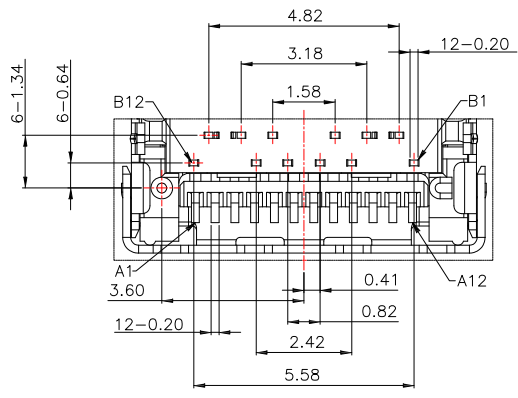
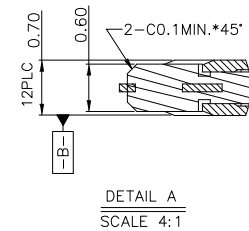
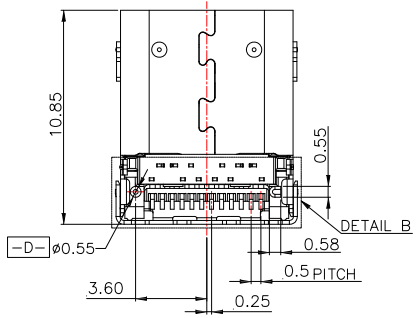
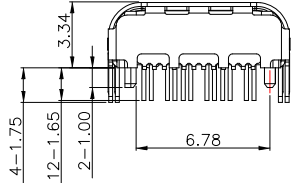
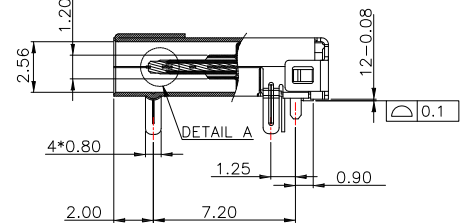
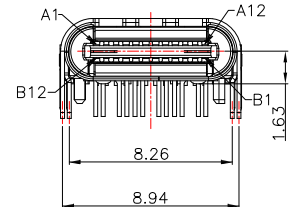
- Material:
- 1.Housing: LCP,UL 94V-0
  - 2.Contact: C7025
  - 3.Shell: Stainless Steel
- Finish:
- 1.Contact: Plated Gold in Mating Area ;  
Tin Plated on Solder Balls ;  
Nickel under plated overall
  - 2.Shell: Nickel under Plated surface layer



| A1  | A2       | A3   | A4   | A5 | A6 | A7   | A8   | A9   | A10  | A11 | A12 |
|-----|----------|------|------|----|----|------|------|------|------|-----|-----|
| GND | TX1+TX1- | VBUS | CC1  | D+ | D- | SBU1 | VBUS | RX2- | RX2+ | GND |     |
| B12 | B11      | B10  | B9   | B8 | B7 | B6   | B5   | B4   | B3   | B2  | B1  |
| GND | RX1+RX1- | VBUS | SBU2 | D- | D+ | CC2  | VBUS | TX2- | TX2+ | GND |     |

INTERFACE DEFINITION

P.C.B LAYOUT MOUNTING PATTERN



DETAIL B  
SCALE 2:1

| ITEM NO. | DESCRIPTION             | DRAWN | DATE   |
|----------|-------------------------|-------|--------|
| 5        | 新增尺寸                    | Jack  | 090522 |
| 4        | 更新Contact材質             | Jack  | 031822 |
| 3        | 更新PCB LAYOUT尺寸          | Jack  | 061118 |
| 2        | 新增PCB LAYOUT中PIN的中心線及尺寸 | Jack  | 080515 |
| 1        | 更新料號                    | Jack  | 070915 |

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      | 09/05/22 |           |        |          |                         |
| CHECKED BY:  | DATE     | FINISH    |        | MODLE    | USB 3.1TYPE C PIN腳長:1.6 |
| Jacky Chen   | 09/05/22 |           |        |          |                         |
| APPROVED BY: | DATE     | SCALE     | 1 : 1  | DWG NO.  | SBC-240S2-31x-S242      |
| Tony Kao     | 09/05/22 |           |        |          |                         |
|              |          | SHEET NO. | 1 of 1 | PART NO. | SBC-240S2-31x-S242      |

| SIZE |
|------|
| A4   |
| VER  |
| R5   |