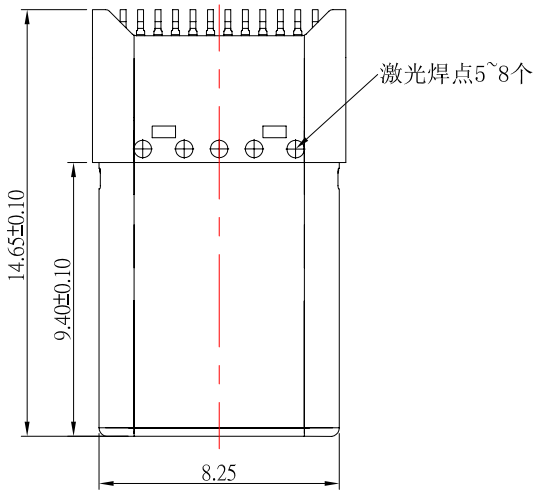
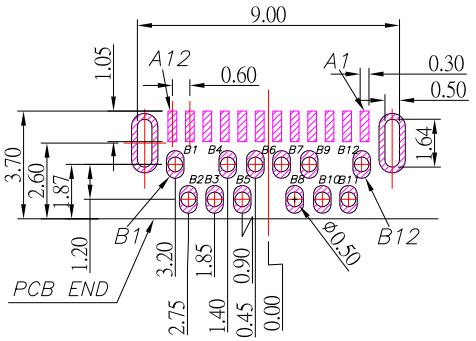


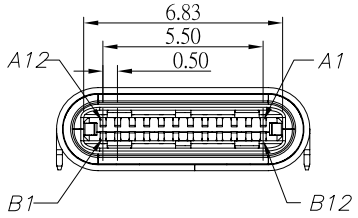



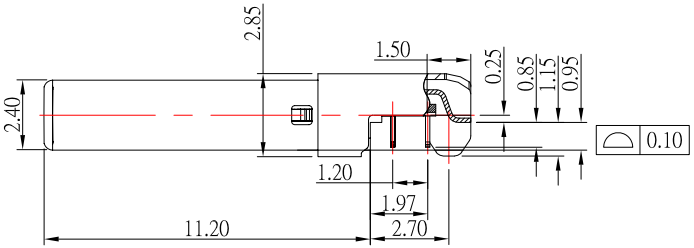

P.C.B LAYOUT MOUNTING PATTERN

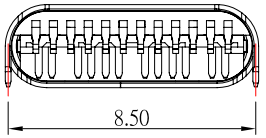
# SBC-241PLM6-31x-S165

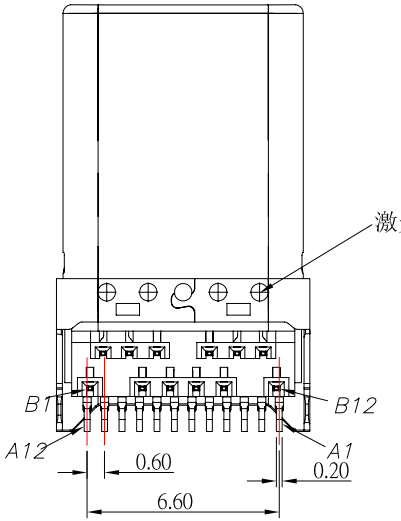
鍍層厚度 :

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




| | | | |
|---|---|---|---|
| A1 | GND | B12 | GND |
| A2 | TXp1 | B11 | RXp1 |
| A3 | TXn1 | B10 | RXn1 |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | Dp1 | B7 | |
| A7 | Dn1 | B6 | |
| A8 | SBU1 | B5 | Vconn |
| A9 | VBUS | B4 | VBUS |
| A10 | RXn2 | B3 | TXn2 |
| A11 | RXp2 | B2 | TXp2 |
| A12 | GND | B1 | GND |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

## SPECIFICATIONS

**Electrical:**

1. Rating: 3.0A
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
2. Contact: C7025
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

| ITEM NO. | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| 4 | 更新激光焊焊點數量 | Jack | 090522 |
| 3 | 更新材質 | Jack | 091421 |
| 2 | 更新PCB LAYOUT | Jack | 042921 |
| 1 | 更新圖面 | Jack | 030221 |

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

| | | DATE |
|---|---|---|
| DRAWN BY: | Jack Lu | 09/05/22 |
| CHECKED BY: | Jacky Chen | 09/05/22 |
| APPROVED BY: | Tony Kao | 09/05/22 |

| | | | |
|---|---|---|---|
| MAT'L | | TITLE | CONNECTOR |
| FINISH | | MODLE | TYPE C Male 沉板 ,板上H1.675mm |
| SCALE | 1 : 1 | DWG NO. | SBC-241PLM6-31x-S165 |
| SHEET NO. | 1 of 1 | PART NO. | SBC-241PLM6-31x-S165 |

SIZE A4 | VER R4