



SBC-160M9-20x-S242

鍍層厚度：

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

SPECIFICATIONS

Electrical:

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

Mechanical:

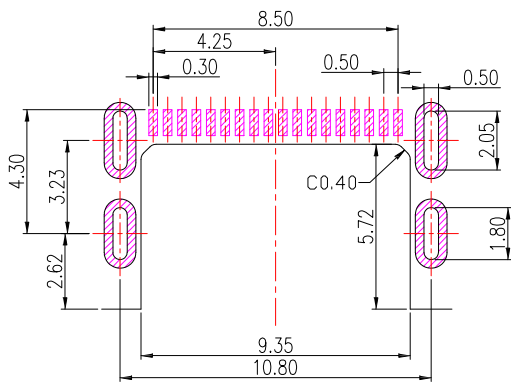
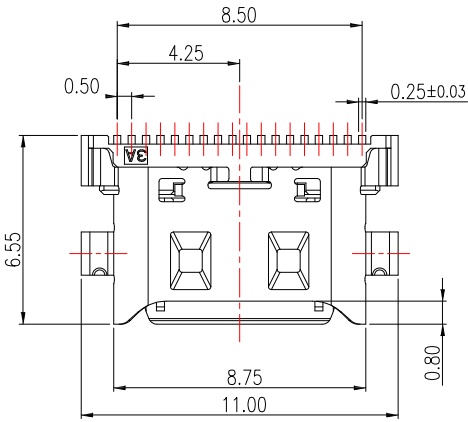
- Connector Mate and Unmate Force
  - Mate force: 5~20 N
  - Unmate force: 8~20 N

Material:

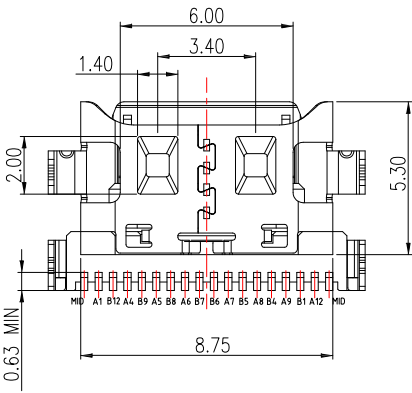
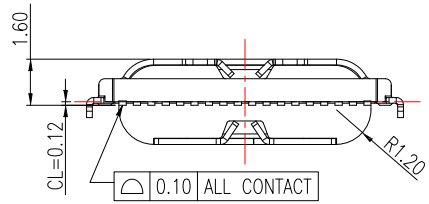
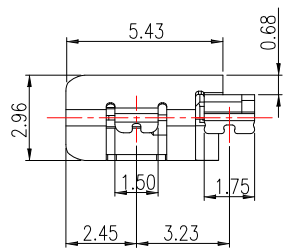
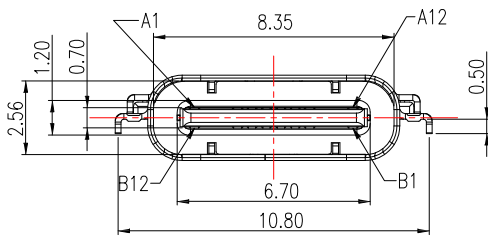
- Housing: LCP
- Contact: Copper Alloy
- Shell: SUS

Finish:

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



RECOMMENDED P.C.B. LAYOUT



| Pin | Name   | Pin | Name   |
|-----|--------|-----|--------|
| A1  | GND    | B12 | GND    |
| /   | SSTXp1 | /   | SSRXp1 |
| /   | SSTXn1 | /   | 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   |
| /   | SSRXn2 | /   | SSTXn2 |
| /   | SSRXp2 | /   | SSTXp2 |
| A12 | GND    | B1  | GND    |

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      | 05/13/20 | FINISH    | MODLE    | USB C TYPE 2.0 母座沉板, 板上 H1.6mm |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.  | SBC-160M9-20x-S242             |
| Jacky Chen   | 05/13/20 | 1 : 1     | PART NO. | SBC-160M9-20x-S242             |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1   |                                |
| Tony Kao     | 05/13/20 |           |          |                                |