



## SUA-110M13Ax-xx-S175

|                  |           |             |
|------------------|-----------|-------------|
| Shell Material : |           | 鍍層厚度 :      |
| Blank : Brass    |           | Blank : 1u" |
| I : SPCC         |           | 2 : 15u"    |
|                  | COLOR :   | 3 : 30u"    |
|                  | Black : B |             |
|                  | White : W |             |

### SPECIFICATIONS

#### Electrical:

- 1.Current Rating: 1.5A / contact terminal
- 2.Voltage Rating: 30V DC
- 3.Contact Resistance: 30 m $\Omega$  Max
- 4.Dielectric Withstanding Voltage:  
500 V AC AT Sec Level
- 5.Insulation Resistance: 1,000 M $\Omega$  Min

#### Mechanical:

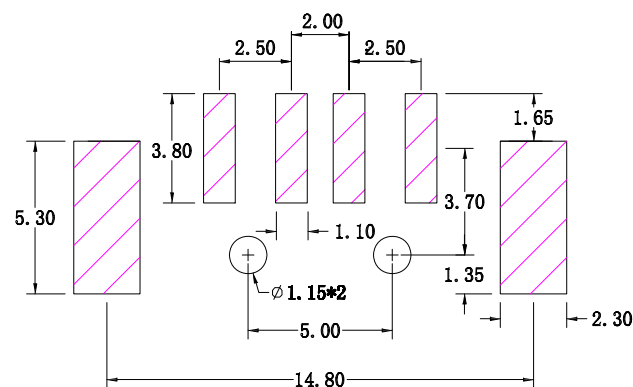
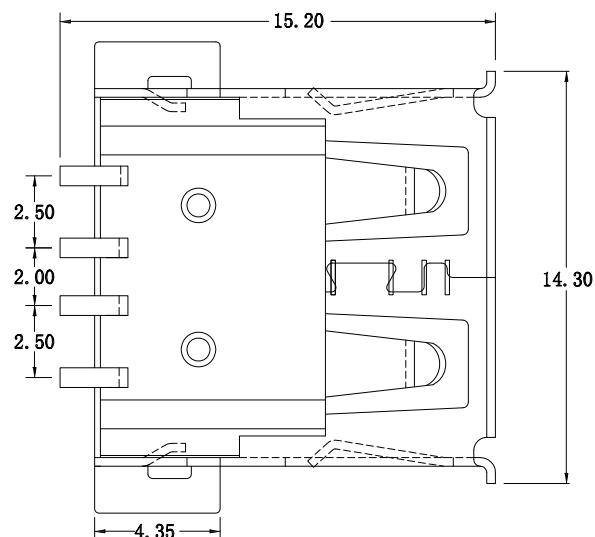
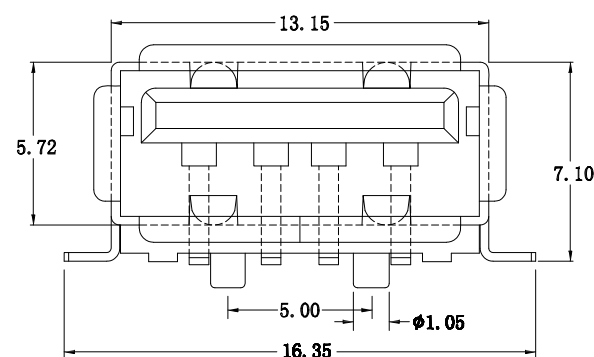
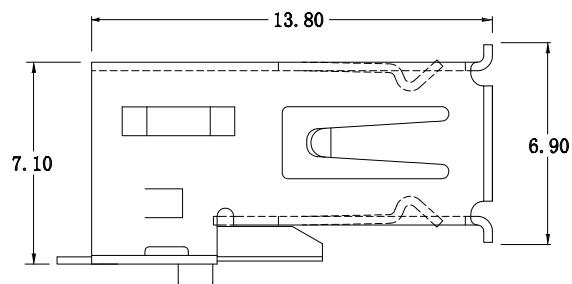
- 1.Connector Mate and Unmate Force  
Mate force: 3.57 kgf (Max)  
Unmate force: 1.02 kgf (Min)
- 2.Terminal Retention: 1.2 kgf (Min)

#### Material:

- 1.Housing: LCP
- 2.Contact: BRASS
- 3.Shell: BRASS / SPCC

#### Finish:

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



PCB LAYOUT MOUNTING PATTERN



建倚科技股份有限公司  
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS  
OTHERWISE STATED :

Up to 5  $\pm 0.2$   
Above 5 ~ 15  $\pm 0.3$   
Above 15 ~ 30  $\pm 0.4$   
Above 30 ~ 50  $\pm 0.5$   
Angle  $\pm 0.3^\circ$

3RD.  
ANGEL'S



UNITS

MM

DRAWN BY: Jack Lu  
CHECKED BY: Jacky Chen  
APPROVED BY: Tony Kao  
DATE: 03/02/18  
DATE: 03/02/18  
DATE: 03/02/18

|           |        |          |                                   |
|-----------|--------|----------|-----------------------------------|
| MAT'L     |        | TITLE    | CONNECTOR                         |
| FINISH    |        | MODLE    | USB AF 90度 SMT 方耳 柱1.05無後蓋 柱距 5.0 |
| SCALE     | 1 : 1  | DWG NO.  | SUA-110M13Ax-xx-S175              |
| SHEET NO. | 1 of 1 | PART NO. | SUA-110M13Ax-xx-S175              |

|          |               |       |        |
|----------|---------------|-------|--------|
| 2        | 新增鍍層厚度選項      | Jack  | 030218 |
| 1        | 更新尺寸及新增外殼材質選項 | Jack  | 082217 |
| ITEM NO. | DESCRIPTION   | DRAWN | DATE   |