

Remark:

## 1.MATERIAL:

1.1 Housing:thermoplastic plastics.

1.2 terminals:Copper Alloy

1.3 Front Shell:Copper Alloy/SPCC.

Middle Shell:SPCC

## 2.characteristics:

2.1 Rating Voltage : 30V AC.

2.2 Rating Current:PIN1&amp;PIN4(Vbus&amp;Correponding ground PIN)

1.8A MAX Other PINS 0.25A min.

2.3 Contact Resistance:PIN1&PIN4:30 m $\Omega$  MAX. Other PINS: 50 m $\Omega$ 2.4 Insulation Resistance:100 M $\Omega$  MIN.

2.5 Withstanding Voltage:AC 100V between adjacent contacts

## 2.6 MECHANICAL CHARACTERISTIC:

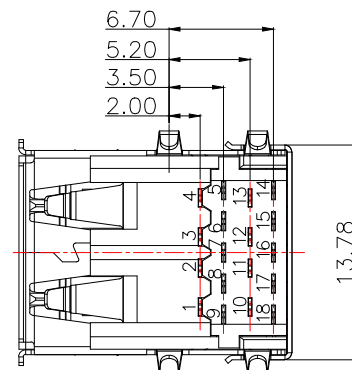
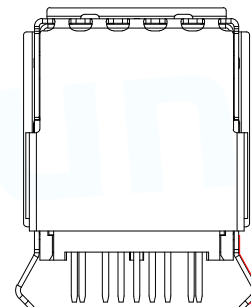
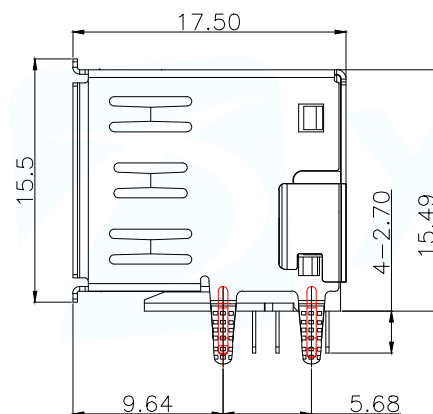
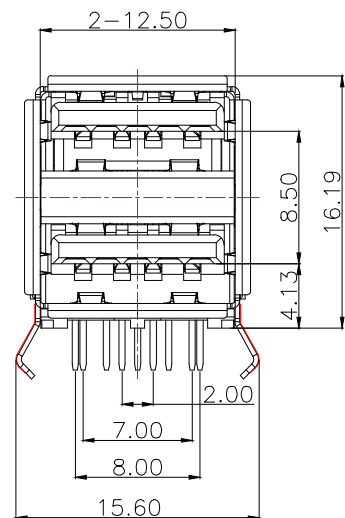
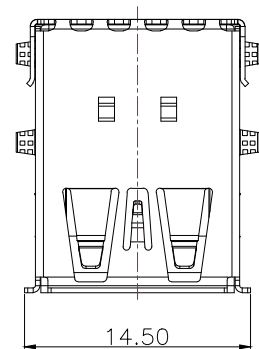
INSERTION FORCE:35N MAX

EXTRACTION FORCE(INITIAL): 10N MIN

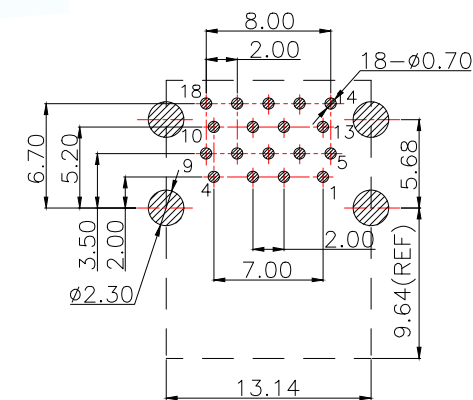
EXTRACTION FORCE(AFTER TEST):8N MIN

2.7 The lifting weight of the product before durability is 10N Min. 3s

2.8 Life test:1500Cycles MIN.

2.9 Temperature Range:-30 $^{\circ}$ ~+80 $^{\circ}$ .

| Pin Number | Signal Name | Pin Number | Signal Name |
|------------|-------------|------------|-------------|
| 1          | VBUS        | 10         | VBUS        |
| 2          | D-          | 11         | D-          |
| 3          | D+          | 12         | D+          |
| 4          | GND         | 13         | GND         |
| 5          | StdA_SSRX-  | 14         | StdA_SSRX-  |
| 6          | StdA_SSRX+  | 15         | StdA_SSRX+  |
| 7          | GND_DRAIN   | 16         | GND_DRAIN   |
| 8          | StdA_SSTX-  | 17         | StdA_SSTX-  |
| 9          | StdA_SSTX+  | 18         | StdA_SSTX+  |
| Shell      | Shield      |            |             |



PCB LAYOUT REFERENCE

|                                       |  |                                                                                                                                           |                |
|---------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| MANUFACTURE DWG                       |  |  东莞市讯普电子科技有限公司<br>DongGuan XunPu Electronics Co.,Ltd |                |
| UNLESS OTHERWISE SPECIFIED TOLERANCES |  | TITLE:<br>USB 3.0 AF 双层90度短体                                                                                                              |                |
| DECIMALS:                             |  | PAR                                                                                                                                       | USB-303WSD-BRY |
| ANGLES:                               |  | DWN                                                                                                                                       | Lucas          |
| .X:±0.35                              |  | CHKD                                                                                                                                      | Ethan          |
| .XX:±0.25                             |  | APVD                                                                                                                                      | Jacob          |
| .XXX:±0.10                            |  | SCALE:1:1                                                                                                                                 | UNIT:MM        |
| CUSTOMER COPY                         |  | SIZE:A4                                                                                                                                   | SHEET:1F1      |