

## NOTE:

## 1.MATERIAL:

- 1.1 INSULATOR:LCP UL 94V-0
- 1.2 CONTACT:BRONZE
- 1.3 SHELL:BRASS

## 2.ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:100V AC R.M.S.
- 2.4 INSULATION RESISTANCE 100 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40°C ~ 85°C

## 3 MECHANICAL CHARACTERISTICS:

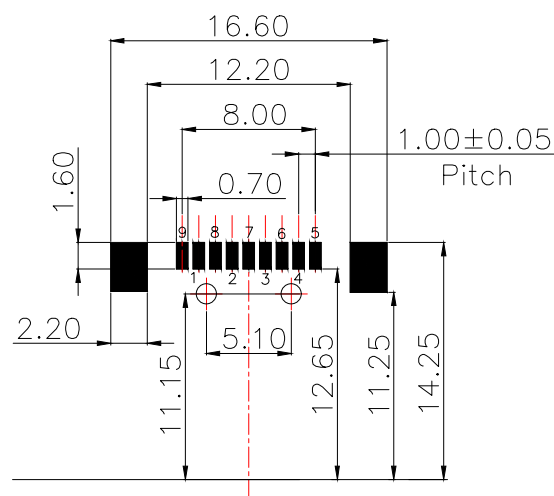
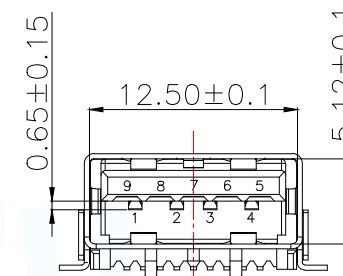
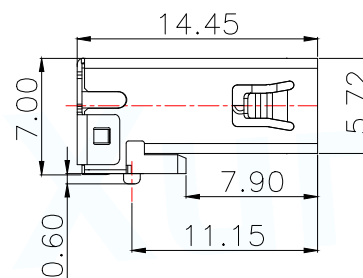
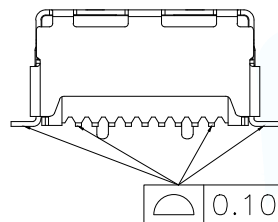
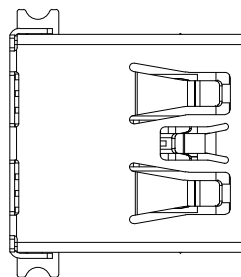
- 3.1 MATING FORCE:3.57kgf MAX
- 3.2 UNMATED FORCE:1.02kgf MIN AFTER TEST
- 3.3 DURABILITY MANDATORY:1500 CYCLES

## 4.PLATING

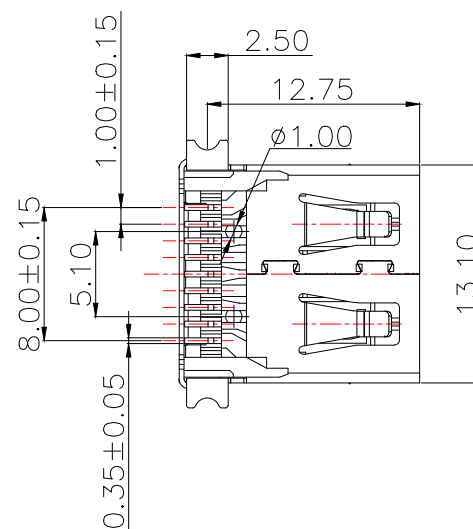
## 4.1 TERMINAL:

- 50u" MIN NICKEL
- 80u"MIN Tin ON SOLDER AREA
- (1~30)u"Au ON CONTACT AREA

## 4.2 SHELL:50u"MIN.NICEL



PCB EDGE RECOMMENDED PCB LAYOUT



| PIN NUMBER | SIGNAL NAME |
|------------|-------------|
| 1          | VBUS        |
| 2          | D-          |
| 3          | D+          |
| 4          | GND         |
| 5          | StdA_SSRX-  |
| 6          | StdA_SSRX+  |
| 7          | GND_DRAIN   |
| 8          | StdA_SSTX-  |
| 9          | StdA_SSTX+  |
| Shell      | Shield      |

| 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: USB3.0 AF 短体SMT<br>全贴无卷边短脚 |
| DECIMALS:                             | ANGLES: |                                                                                                                                           | PAR USB-338A-ACSW                 |
| X.:±0.50                              | ±1°     |                                                                                                                                           | DWN Lucas                         |
| X.X:±0.30                             |         |                                                                                                                                           | CHKD Ethan                        |
| X.XX:±0.25                            |         |                                                                                                                                           | APVD Jacob                        |
| CUSTOMER COPY                         |         | SCALE:1:1                                                                                                                                 | UNIT:MM                           |
|                                       |         | SIZE:A4                                                                                                                                   | SHEET:1F1                         |
|                                       |         |                                                                                                                                           | REV:A                             |