

## Specifications:

## Electrical:

- 1.Current Rating  
1.5A/contact terminal
- 2.Voltage Rating  
30V DC
- 3.Contact Resistance  
30 milliohms MAX
- 4.Dielectric Withstanding Voitage:  
500 V AC AT Sea Level
- 5.Lnsulation Resistance:  
1000MEGA ohms MIN

## Mechanical:

- 1.Cnnector Mate and Unmate ForceMate  
Mate force:3.75kgf (MAX)  
Unmate force:1.02kgf (MIN)
- 2.Terminal Retenion1.2kgf (MIN)

## Matorial:

- 1.Housing:Hing Temperature Tnermaplastics,UL 94V-0 PBT/LCP White/Black
- 2.Contact:Copper Alloy C2680
- 3.Shell: Copper Alloy C2680/SPCC

## Finish:

- 1.Contact: Plated Gold in Mating Area;Tin On Solder Talls
- 2.Shell:  
Nickel Plating

## Pin Definition

| PIN | Signal Name | Describe               |
|-----|-------------|------------------------|
| 1   | VBUS        | +5V                    |
| 2   | D-          | Neagative Data Channel |
| 3   | D+          | Positive Data Channel  |
| 4   | GND         | Ground                 |

|                                       |         |                                                                                                                                           |                            |
|---------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 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-AF-180° 13.7 |
|                                       |         |                                                                                                                                           | PAR USB-255-BRW137         |
|                                       |         |                                                                                                                                           | DWN                        |
|                                       |         |                                                                                                                                           | CHKD                       |
| DECIMALS:                             | ANGLES: |                                                                                                                                           | APVD                       |
| X.X±0.30                              | X.*±5°  |                                                                                                                                           | SCALE N:A                  |
| X.XX±0.25                             | X.X*±1° |                                                                                                                                           | UNIT:MM                    |
| X.XXX±0.15                            |         |                                                                                                                                           | SIZE:A4                    |
| CUSTOMER COPY                         |         | SHEET:1F1                                                                                                                                 | REV:A                      |

PCB.WELDING DRAWING (TOLERANCE:±0.05)

