



P.C.B LAYOUT  
TOL: ±0.05

| 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      |

规格说明: Specifications:

电气特性: Electrical:

1. 额定电流: Current Rating  
1.5A/contact terminal
2. 额定电压: Voltage Rating  
30V DC
3. 接触阻抗: Contact Resistance  
30 milliohms MAX
4. 耐压: Dielectric Withstanding Voltage:  
500 V AC AT Sea Level
5. 绝缘阻抗: Insulation Resistance:  
1000MEGA ohms MIN

1. 插拔力: Connector Mate and Unmate Force  
Mate force: 3.57kgf(MAX)  
Unmate force: 1.02kgf(MIN)

2. 端子保持力: Terminal Retention  
1.0kgf(MIN)
3. 寿命: Durability: 3000 Cycles

1. 塑胶: Housing: PBT ,
2. 端子: Contact: Copper Alloy C2680
3. 外壳: Shell: Copper Alloy C2680/SPCC

电镀: Finish:

1. 端子: Contact: Plated Gold in Mating Area;  
Tin On Solder Tails

端子四周镀30-50U”(MIN)锡, ”镀金1U”

2. 外壳: Shell:  
铁壳四周镀80U”(MIN)镍, 铜壳四周镀60-80U”(MIN)镍  
Nickel Plating

| APPROVALS      |        | DATE                          |                                  | HRO 翰辰®<br>ELECTRONICS CO.,LTD |               |        |
|----------------|--------|-------------------------------|----------------------------------|--------------------------------|---------------|--------|
| DRAWN          | LIUCAN | 2021.11.19                    | TITLE:                           |                                | USB CONNECTOR |        |
| CHECKED        |        |                               | PART NO.                         |                                | U-A-39DD-Y-3  |        |
| APPROVALS      |        |                               | UNIT: mm                         | SCALE: 1:1                     | PROJ:         |        |
| TOLERANCES ARE |        | 30~以上<br>10~30<br>5~10<br>~ 5 | ±0.30<br>±0.25<br>±0.20<br>±0.15 | ANGLE                          | ±2°           |        |
| ECN NO.        | REV.   | DATE.                         | DESCRIPTION.                     | CHANGE.                        | CHECK.        | APPRO. |

| ECN NO. | REV. | DATE. | DESCRIPTION. | CHANGE. | CHECK. | APPRO. |
|---------|------|-------|--------------|---------|--------|--------|
|         | A    |       | NEW          |         |        |        |

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