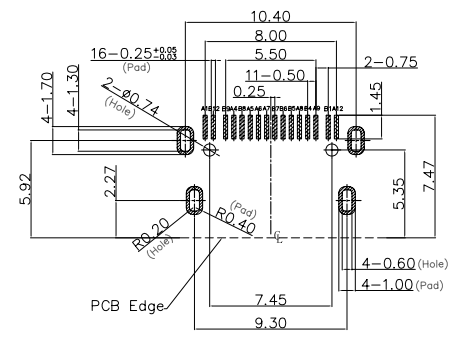


| PIN ASSIGNMENT |             |            |             |
|----------------|-------------|------------|-------------|
| PIN NUMBER     | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
| A1             | GND         | B12        | GND         |
| A2             | TX1-        | B11        | RX1+        |
| A3             | TX1+        | B10        | RX1-        |
| A4             | VBUS        | B9         | VBUS        |
| A5             | CC1         | B8         | SBU2        |
| A6             | D+          | B7         | D-          |
| A7             | D-          | B6         | D+          |
| A8             | SBU1        | B5         | CC2         |
| A9             | VBUS        | B4         | VBUS        |
| A10            | RX2-        | B3         | TX2-        |
| A11            | RX2+        | B2         | TX2+        |
| A12            | GND         | B1         | GND         |

Specifications:  
 Current Rating:5.0A AC,DC  
 Voltage Rating:100V AC,DC  
 Contact Resistance:40M Ohm Max  
 Insulation Resistance:100M Ohm Min  
 Withstanding Voltage:100V AC/Minute  
 Operating Temperature Range:-40°C to +85°C  
 Mechanical:  
 Mating Force:5~20N Max  
 Unmating Force:8~20N Min  
 Durability:10000 cycles Min  
 Materials:  
 Insulator:High Temp.Plastic (LCP UL94V-0)  
 Contact:Brass  
 Contact Plating:Gold Plated on Contact Area,  
 Matte-Tin Plated on Solder Tail.  
 Shell:Stainless Nickel 50u" Plated



Recommended PCB Layout  
 General Tolerance ±0.05  
 Pad Area  
 Top View

RoHS Compliant

|     |             |         |           |                      |
|-----|-------------|---------|-----------|----------------------|
| E   |             |         |           | DRAWN:<br>Jack Zhou  |
| D   |             |         |           | CHECKED:<br>Ken Wang |
| C   |             |         |           | APPROVAL:<br>Make Hu |
| B   |             |         |           |                      |
| A   | 28-Aug-2018 | (H0001) | Jack Zhou |                      |
| REV | DATE        | FILE    | BY        |                      |

|  |
|--|
| GENERAL TOLERANCE:<br>.X=±0.2<br>.XX=±0.15 |
| UNIT: MM                                   |
| SCALE:2:1                                  |
| SHEET: 1 / 1                               |
| PROJECTION:                                |

|   |                   |
|---|-------------------|
| DESCRIPTION:<br>USB REV. 3.1 C Type Socket Conn SMT waterproof Type | SIZE<br><b>A4</b> |
| PART NO:<br>UBSR31IP-16-TR  |                   |

