



RECOMMENDED P.C.B LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

|     |             |     |             |
|-----|-------------|-----|-------------|
| A1  | GND         | B12 | GND         |
| A4  | VBUS        | B9  | VBUS        |
| A5  | CC1         | B8  | SBU2        |
| A6  | DP1         | B7  | DN2         |
| A7  | DN1         | B6  | DP2         |
| A8  | SBU1        | B5  | CC2         |
| A9  | VBUS        | B4  | VBUS        |
| A12 | GND         | B1  | GND         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

| REV. | ECN NO | OR DESCRIPTION | REVISED | DATE    |
|------|--------|----------------|---------|---------|
| 1    |        | REVERSE NOTE   | JACK    | 4/9-09' |

- Specification:
- 1.Electrical Characteristics:  
Contact Current Rating: 3 Amperes Max.  
Rated Voltage: 30V Max.  
Dielectric Withstanding Voltage: AC 100V r.m.s.  
Insulation Resistance: 100 MΩ Minimum.  
Contact Resistance: 40 mΩ Maximum.
  - 2.Environmental:  
Operating Temperature: -40°C~+85°C.
  - 3.Mechanical Characteristics:  
Insertion Force: 5~20Nf.  
Withdrawal Force: 6~20Nf.  
Durability Cycles: 10000 Cycles.
  4. Make is FAI test Dimension  
 Make is major test Dimension

|    |             |     |                                      |                         |
|----|-------------|-----|--------------------------------------|-------------------------|
| C  | SHELL       | 1   | Stainless Steel                      | Nickel over all plating |
| B  | CONTACT     | 16  | Copper Alloy                         | GOLD PLATING            |
| A  | HOUSING     | 1   | HIGH TEMPERATURE PLASTIC<br>UL 94V-0 | BLACK                   |
| NO | DESCRIPTION | QTY | MATERIAL                             | PLATING & COLOR         |

UNLESS OTHERWISE SPECIFIED TOLERANCES

3G ENTERPRISE LIMITED

DECIMALS: ANGLES:

X.X ±0.30 .X : ±3°  
X.XX ±0.25 .XX : ±1°  
X.XXX ±0.15 .XXX : ±0.1°

|       |  |
|-------|--|
| TITLE | USB Type C 16Pin 母座 L=7.3 单排 SMT 四脚插板 有柱 |
| DWN   | JACK PART NO.2UB2Y21-X16F                |
| CHKD  | SCALE: 1/1 UNIT: mm                      |
| APVD  | SIZE: A3 SHEET: 10F 1 RBV:A              |

CUSTOMER COPY

A

B

E

F

1

1.80(X2)

2.10(X2)

2.56±0.04

7.55

1.40(X2)

1.70(X2)

8.34±0.02

8.94

1.00(X4)

5.78

5.78±0.05

6.69-0.055

0.60(X4)

0.50

8.64±0.10

2.60

0.65

0.75

Product Edge

3.65

A12

4.15

4.15

B1

3.26±0.15

0.10

1.10

4.15±0.10

1.20±0.05

0.70±0.05

0.60±0.05

0.80

6.29±0.05

7.81±0.15

6

7

8