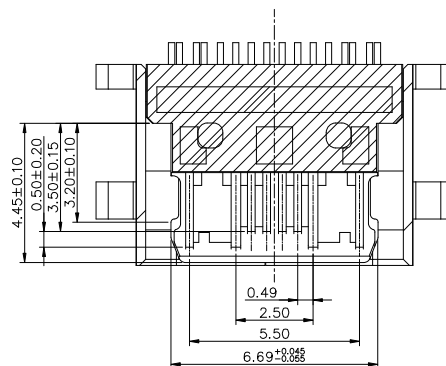
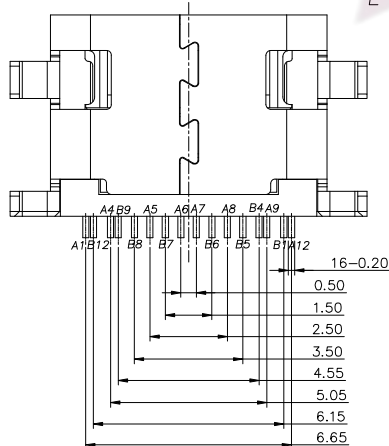
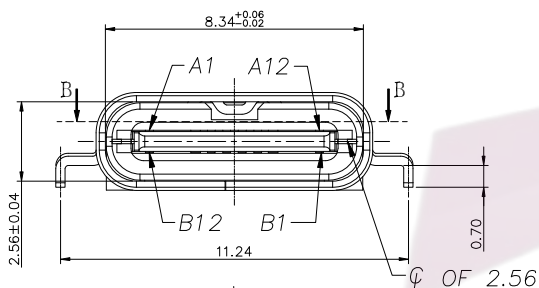
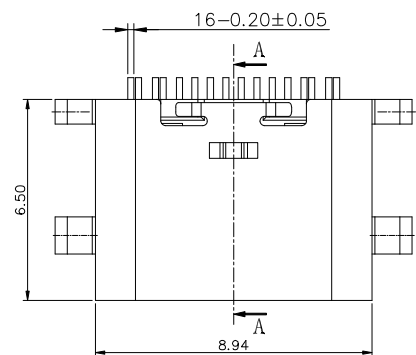
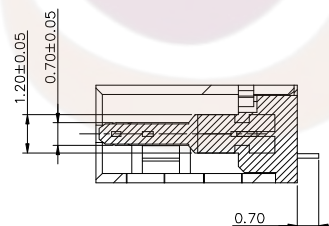
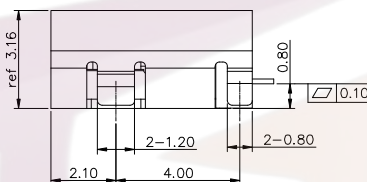




SECTION B-B  
SCALE 1:1



SECTION B-B  
SCALE 1:1

NOTE:

1. MATERIAL SPECIFICATION:
  1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  2. CONTACTS: COPPER ALLOY
  3. MID PLATE: STAINLESS STEEL
  4. SHELL: STAINLESS STEEL
2. PLATING SPECIFICATION:
  - 2-1. CONTACTS:
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
    - (GOLD PLATING THICKNESS FOLLOW THE P/N)
    - GOLD FLASH PLATING ON SOLDER AREA
  - 2-2. FRONT SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
3. MECHANICAL PERFORMANCE,
  - 3-1. INSERTION FORCE: 0.5~2.0kgf.
  - 3-2. REMOVAL FORCE: 0.8kgf~2.0kgf.
  - 3-3. DURABILITY: 10000 CYCLES.
4. ELECTRICAL PERFORMANCE,
  - 4-1. CURRENT RATING: 5A  
VOLTAGE RATING: 20V
  - 4-2. INSULATION RESISTANCE: 100MΩ MIN
  - 4-3. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
  - 4-4. LOW CONTACT RESISTANCE: INITIAL 40mΩ  
AFTER 50mΩ
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -40°C~+80°C.
6. IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

Guangdong Tengjun Electronic Technology Co., Ltd

Website:

<https://www.tengjunconn.com>

TEL:

0769-23323869



PART NAME

USB TYPE C 16PIN, L-6.50mm  
沉板 0.80mm

PART NO.

TJD16-2162X-00BR

TOLERANCE UNLESS OTHERWISE SPECIFIED:  
X ±0.2  
X.X ±0.15  
X.XX ±0.10  
X.XXX ±0.050

DRAWING:

Li

DATE:

2019.11.12

SCALE

SHEET

REV A0

CHECK:

Chen

DATE:

2019.11.12

1:1

1/3

SIZE: A4

APPROVAL:

Yuan

DATE:

2019.11.12

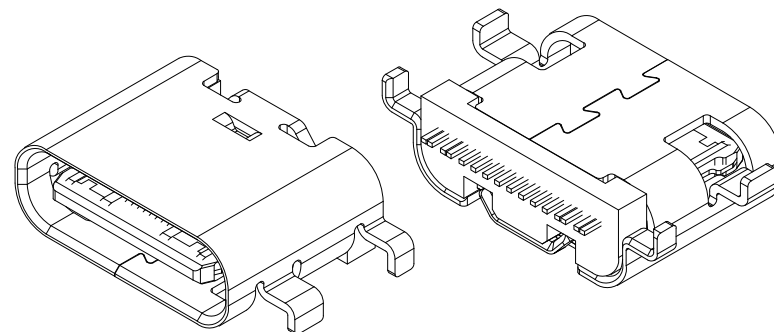
☐

7.P/N: TJD16-2162X-00BR

16:16 PIN

B:Black  
N:NATURE

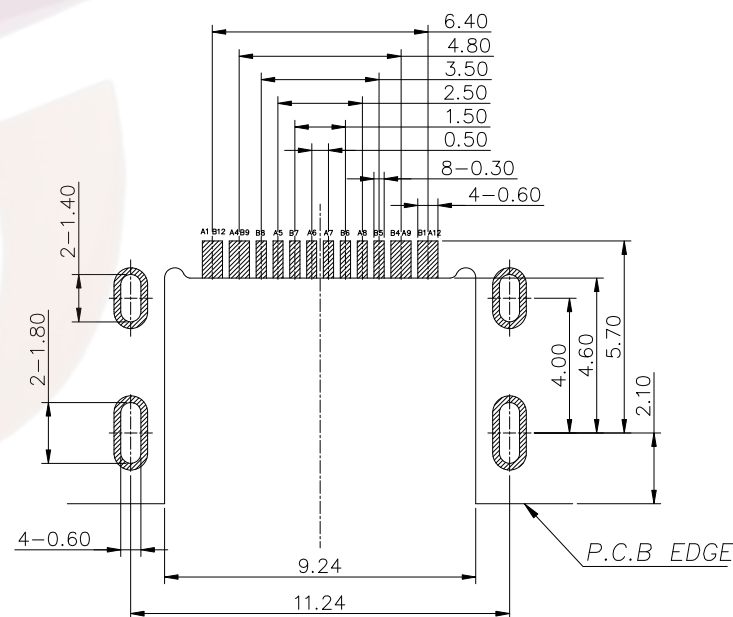
- 1: GOLD FLASH PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA  
3: 3u" PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA  
5: 5u" PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA



#### USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME |
|------------|-------------|
| A1         | GND         |
| A4         | VBUS        |
| A5         | CC1         |
| A6         | Dp1         |
| A7         | Dn1         |
| A8         | SBU1        |
| A9         | VBUS        |
| A12        | GND         |

| PIN NUMBER | SIGNAL NAME |
|------------|-------------|
| B12        | GND         |
| B9         | VBUS        |
| B8         | SBU2        |
| B7         | Dn2         |
| B6         | Dp2         |
| B5         | CC2         |
| B4         | VBUS        |
| B1         | GND         |



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

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X.X  $\pm 0.15$   
X.XX  $\pm 0.10$   
X.XXX  $\pm 0.050$

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Li

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2019.11.12

SCALE

SHEET

REV A0

CHECK:

Chen

DATE:

2019.11.12

1:1

2/3

SIZE: A4

APPROVAL:

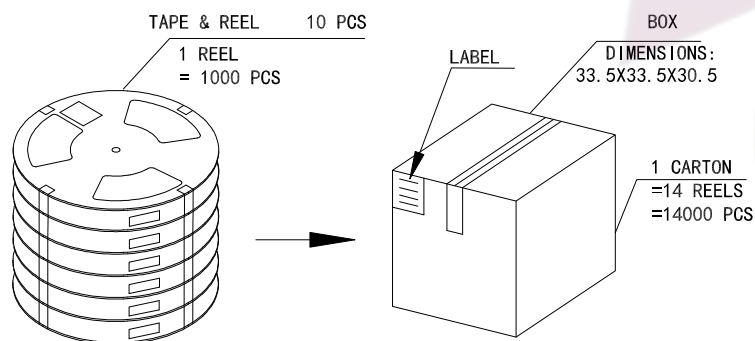
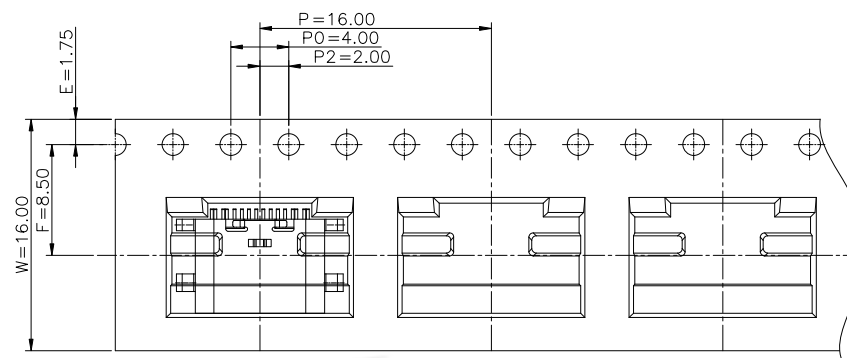
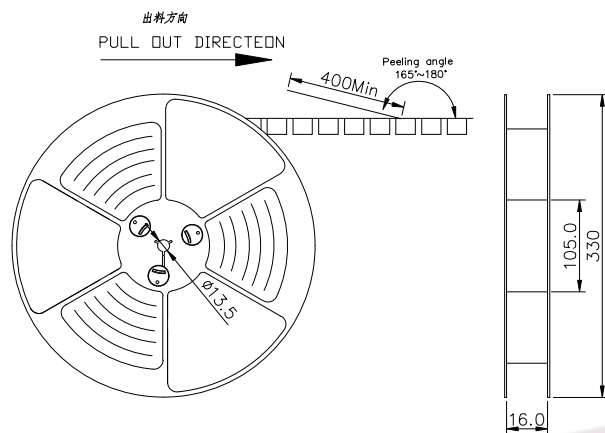
Yuan

DATE:

2019.11.12



RoHS  
Compliant

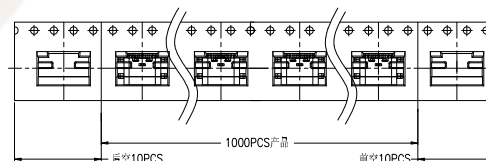


#### NOTES

1.帶子引導長度

LEAD TAPE LENGTH

出料方向  
PULL OUT DIRECTEON



2.上帶 剝力為: 0.1~1.3N(10.2gf~130gf)

PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N(10.2gf~130gf)

出貨運輸過程中一定注意:

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:

帶在運輸過程中不能散開

PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

#### 包明表 (The detail of the packing) Carton

| 品料<br>(Product No.) | 包容量<br>(Packing Capacity) | 重量<br>Weight (Kg) |
|---------------------|---------------------------|-------------------|
| pcs/box             | boxes/Carton              | Pcs/Box           |
| TJD16-2162X-00BR    | 1000                      | 14                |
|                     |                           | 14000             |
|                     |                           | ----              |
|                     |                           | ----              |
|                     |                           | ----              |

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SCALE

SHEET

REV A0

CHECK:

Chen

DATE:

2019.11.12

1:1

3/3

SIZE: A4

APPROVAL:

Yuan

DATE:

2019.11.12

☐