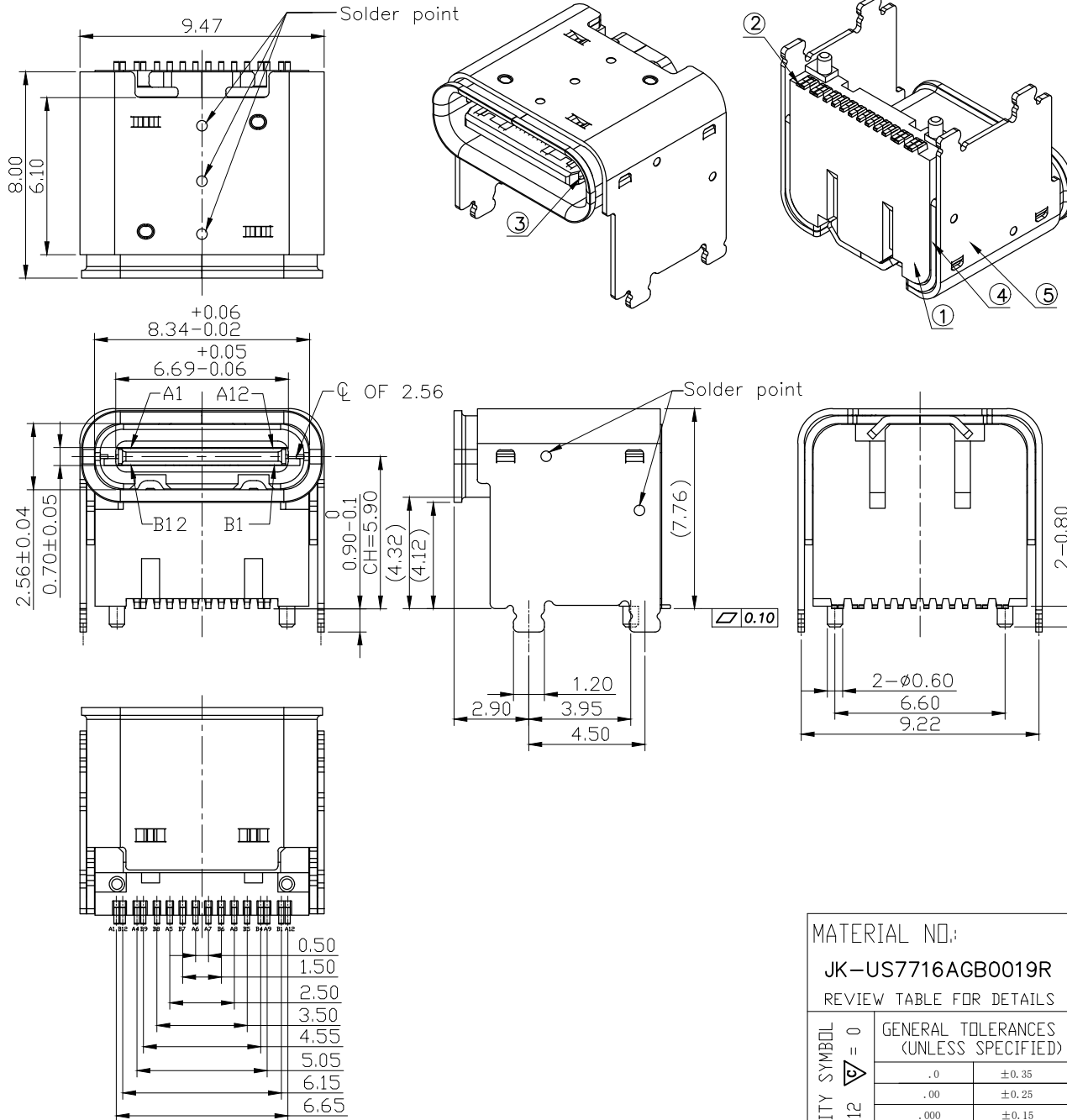
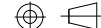




NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: LCP, UL94 V-0.
  - CONTACTS: C2680, T=0.15mm
  - MID PLATE: SUS301, T=0.15mm
  - INSIDE SHELL: SUS304, T=0.30mm
  - OUTSIDE SHELL: SUS304, T=0.25mm
- PLATING SPECIFICATION:
  - 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
  - INSIDE SHELL OR OUTSIDE SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 5A  
VOLTAGE RATING: 5V
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
  - LOW CONTACT RESISTANCE: INITIAL 40MΩ/ AFTER 50MΩ
- ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -30°C~+80°C.
- IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

|                          |                                       |  |                  |                                                                                                                                      |  |                                                                                       |  |
|--------------------------|---------------------------------------|--|------------------|--------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
| MATERIAL NO.:            |                                       |  |                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                       |  |
| JK-US7716AGB0019R        |                                       |  |                  | TITLE                                                                                                                                |  | ECN DESCRIPTION                                                                       |  |
| REVIEW TABLE FOR DETAILS |                                       |  |                  | USB TYPE C 16PIN,<br>板上墊高4.30mm                                                                                                      |  | RELEASE TO TOOLING                                                                    |  |
| QUALITY SYMBOL<br>= 12   | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |                  |  J K F Technology Co.,Ltd                       |  | DRAWN BY DATE                                                                         |  |
|                          | .0 ±0.35                              |  | KATE DENG        |                                                                                                                                      |  |                                                                                       |  |
|                          | .00 ±0.25                             |  | CHECKED BY DATE  |                                                                                                                                      |  |                                                                                       |  |
|                          | .000 ±0.15                            |  | FAND -----       |                                                                                                                                      |  |                                                                                       |  |
|                          | X. ° ±2.00°                           |  | APPROVED BY DATE |                                                                                                                                      |  |                                                                                       |  |
|                          |                                       |  | Wang Yan -----   |                                                                                                                                      |  |                                                                                       |  |
|                          |                                       |  |                  | DOCUMENT NO.                                                                                                                         |  | SHEET NO.                                                                             |  |
|                          |                                       |  |                  |                                                                                                                                      |  | 1 OF 1                                                                                |  |
|                          |                                       |  |                  | DIMENSION STYLE                                                                                                                      |  | SCALE                                                                                 |  |
|                          |                                       |  |                  | MM ONLY                                                                                                                              |  | 10:1                                                                                  |  |
|                          |                                       |  |                  | DESIGN UNITS                                                                                                                         |  | THIRD ANGLE PROJECTION                                                                |  |
|                          |                                       |  |                  | METRIC                                                                                                                               |  |  |  |
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RoHS  
Compliant

REV

ECN No.

DATE

REMARK

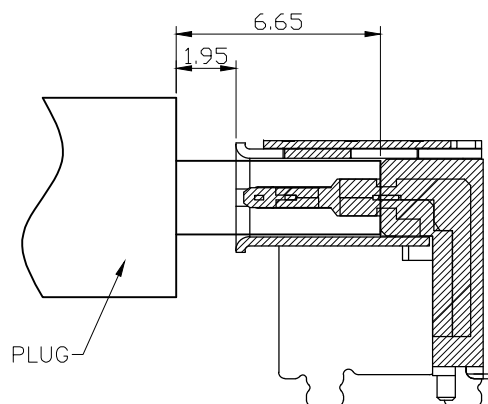
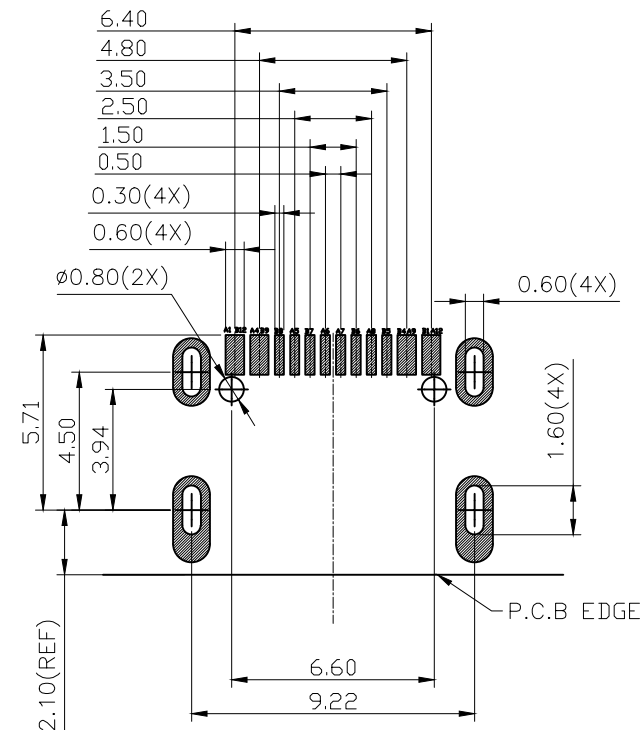


原始图档

2022.04.09

## USB TYPE-C PIN ASSIGNMENTS

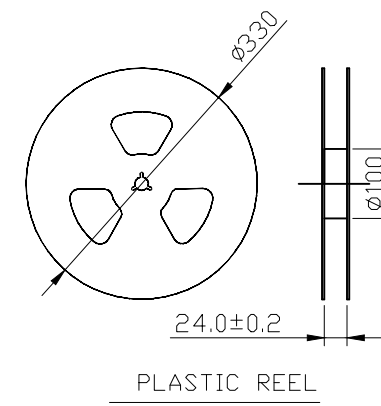
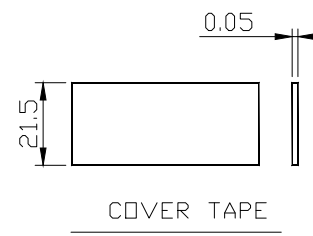
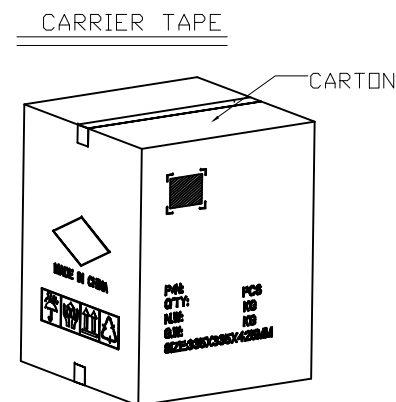
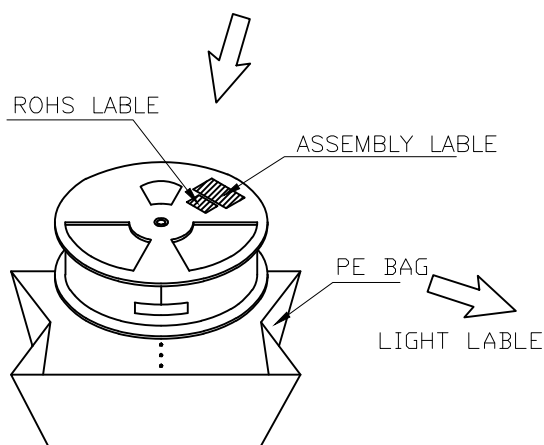
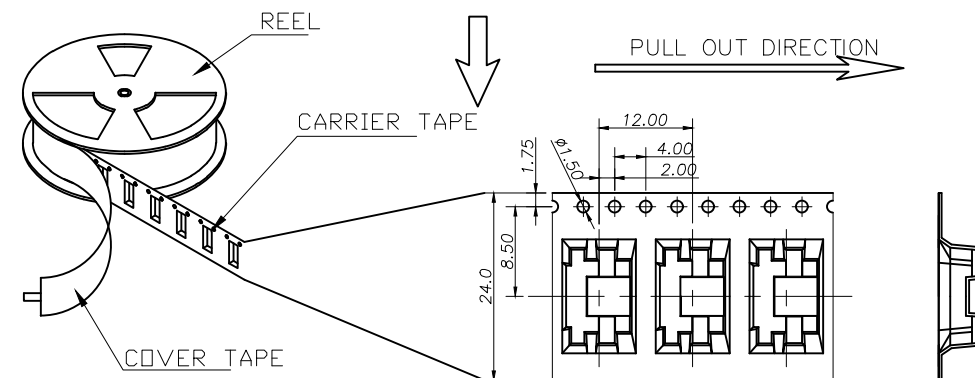
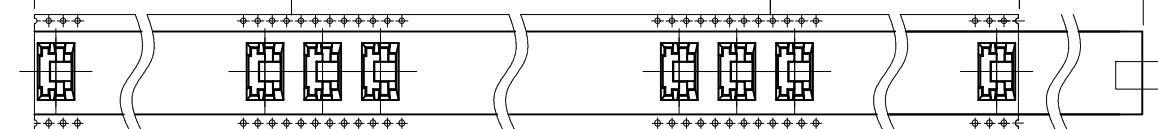
| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A12        | GND         | B1         | GND         |

AFTER MATING  
SCALE 1:1RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$ 

|                               |                                       |                                                                                                                                      |             |                                    |      |
|-------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------|------|
| MATERIAL NO.:                 |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |                                    |      |
| JK-US7716AGB0019R             |                                       | TITLE                                                                                                                                |             | ECN DESCRIPTION                    |      |
| REVIEW TABLE FOR DETAILS      |                                       | USB TYPE C 16PIN,<br>板上垫高4.30mm                                                                                                      |             | RELEASE TO TOOLING                 |      |
| QUALITY SYMBOL<br>= 12<br>= 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                      | DRAWN BY    |                                    | DATE |
|                               |                                       |                                                                                                                                      | KATE DENG   |                                    |      |
|                               |                                       |                                                                                                                                      | CHECKED BY  |                                    | DATE |
|                               |                                       |                                                                                                                                      | FAND        |                                    | ---- |
|                               |                                       |                                                                                                                                      | APPROVED BY |                                    | DATE |
|                               |                                       | Wang Yan                                                                                                                             |             | -----                              |      |
| DOCUMENT NO.                  |                                       | SHEET NO.                                                                                                                            |             | THIRD ANGLE PROJECTION             |      |
| 1 OF 1                        |                                       | 10:1                                                                                                                                 |             | frame size: A4<br>Rev.A 2022.04.09 |      |
| DIMENSION STYLE               |                                       | DESIGN UNITS                                                                                                                         |             |                                    |      |
| MM ONLY                       |                                       | METRIC                                                                                                                               |             |                                    |      |

160mmMIN.(15CAV. EMPTY)      LOADING 600PCS      300mmMIN.(20CAV. EMPTY)      100mmMIN.

END SECTION      PRODUCT PACKAGE SECTION      LEADER SECTION      COVER TAPE



## NOTES 2:

## 1. MATERIAL:

- 1.1 REEL AND AXLE: PS,BLUE
- 1.2 CARRIER TAPE: PET, LUCID
- 1.3 COVER TAPE: PS,TRANSPARENT
- 1.4 SHIPPING CARTON: CORRUGATED FIBER

## 2. DIMENSION:

- 2.1 REEL: W=24.5, ØA=330
- 2.2 CARRIER TAPE: T=0.30 W=24.0
- 2.3 COVER TAPE: T=0.05 W=21.5
- 2.4 SHIPPING CARTON: L=335mm, W=335mm, H=425mm

## 3. QUANTITY :

- 3.1 PRIMAY PACKING: 1500PCS/REEL
- 3.2 SECONARY PACKING: 12 REELS/CARTON(18000PCS/CARTON)

## 4. PEELING RESISTANCE: 0.1~1.3N

- 4.1 PEELING SPEED: 300mm/minutes
- 4.2 PEELING ANGLE: 165° ~180°

MATERIAL NO.:

JK-US7716AGB0019R

REVIEW TABLE FOR DETAILS

| QUALITY SYMBOL | GENERAL TOLERANCES (UNLESS SPECIFIED) |          |
|----------------|---------------------------------------|----------|
|                | X. ±0.25                              | X. ±4.0  |
|                | .X ±0.20                              | .X ±3.0  |
|                | .XX ±0.15                             | .XX ±2.0 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE  
USB TYPE C 16PIN,  
板上垫高4.30mmECN DESCRIPTION  
RELEASE TO TOOLINGDRAWN BY  
KATE DENGCHECKED BY  
FANDAPPROVED BY  
Wang YanTHIRD ANGLE  
PROJECTIONframe size: A4  
Rev.A 2022.04.09