

10

9

8

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| REV | ECN No. | DATE       | REMARK |
|-----|---------|------------|--------|
|     | 原始图档    | 2023.01.09 |        |

## SPECIFICATION:

## 1.ELECTRICAL CHARACTERISTICS:

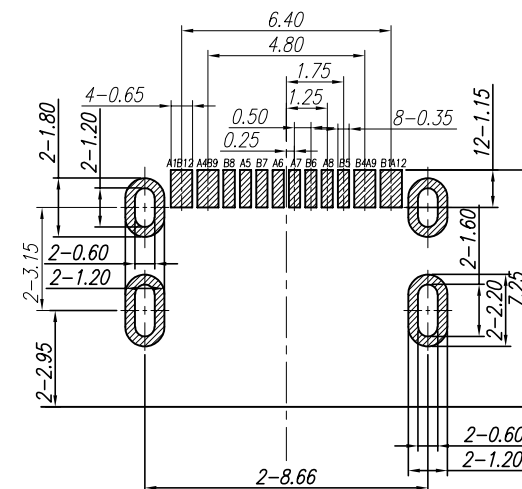
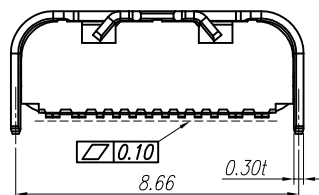
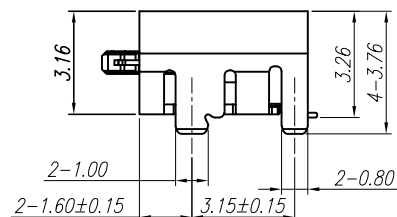
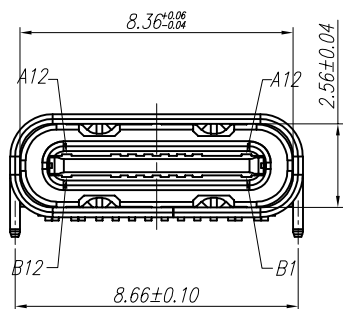
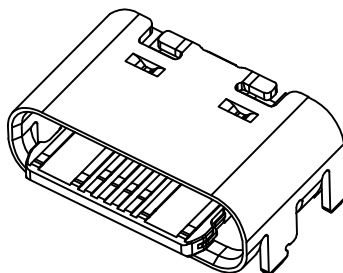
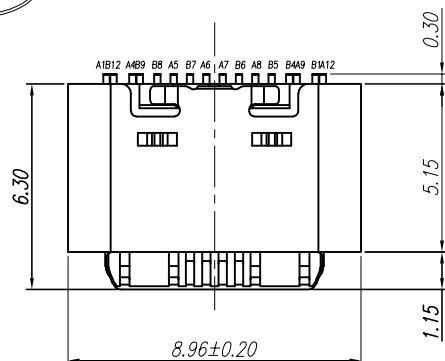
- 1.1 CURRENT RATING: 5A
- 1.2 TEMPERATURE RANGE: -40 °C ~ 85 °C
- 1.3 CONTACT RESISTANCE: 30 MILLIONHM MAX.
- 1.4 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.5 INSULATION RESISTNACE: 100 MEGOHMS MIN.

## 2.MECHANICAL CHARACTERISTICS

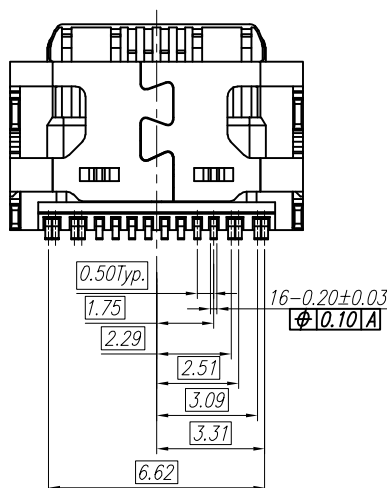
- 2.1 INSERTION FORCE: 5~20N
- 2.2 EXTRACTION FORCE: Initial:8~20N,ATER TEST 6~20N
- 2.3 DURABILITY:10,000CYCLES

THE SHELL LENTH IS LESS THAN THE MINIMUM SPECIFIED BY THE USB TYPE C STANDARD.AS SUCH IS CONNOT INDENOENDENTLY BE GUARANTEED TO MEET ALL

## 3. TYPE C MECHANICAL REQUIREMENTS.



P.C.B LAYOUT VIEW TOLERANCE ±0.05



|     |             |     |             |
|-----|-------------|-----|-------------|
| 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 |

## MATERIAL NO.:

JK-US3216AGB00143R

## REVIEW TABLE FOR DETAILS

| QUALITY SYMBOL | GENERAL TOLERANCES (UNLESS SPECIFIED) |           |
|----------------|---------------------------------------|-----------|
|                | X±0.60                                | X*±5.0°   |
|                | .X±0.35                               | .X*±3.0°  |
|                | .XX±0.25                              | .XX*±2.5° |
| 12             | XXX±0.15                              | XXX*±2.0° |

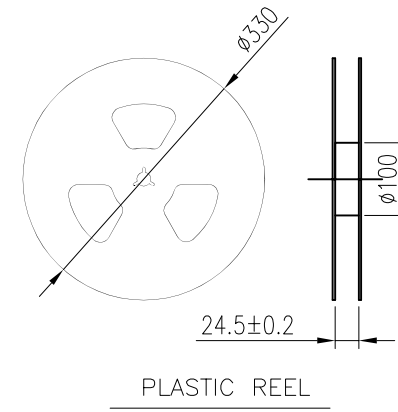
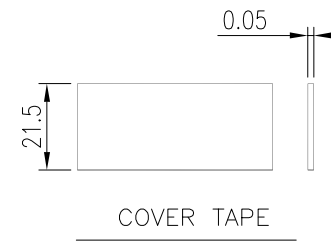
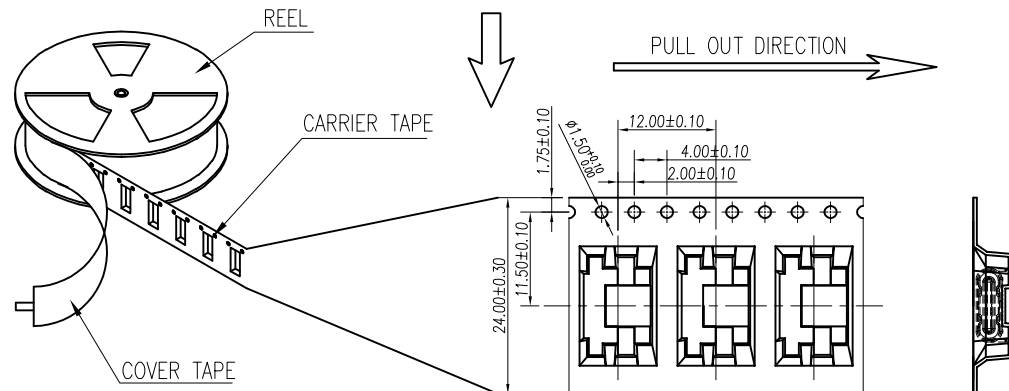
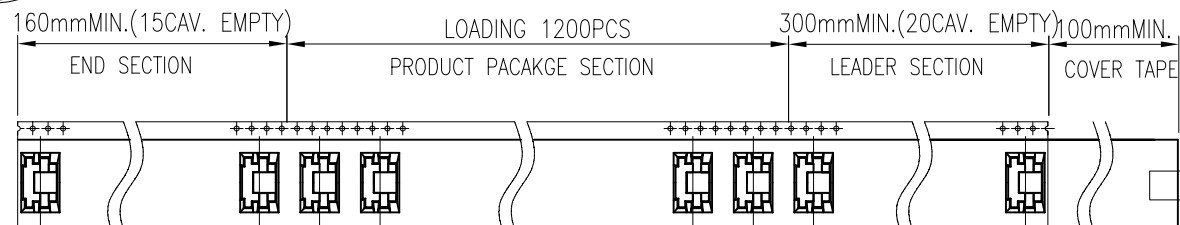
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| TITLE                        |              | ECN DESCRIPTION    |                        |
|------------------------------|--------------|--------------------|------------------------|
| 16 Pin USB Type C 板上型全插 (短款) |              | RELEASE TO TOOLING |                        |
| J K F Technology Co.,Ltd     |              | DRAWN BY           | DATE                   |
|                              |              | KATE DENG          |                        |
| DOCUMENT NO.                 |              | CHECKED BY         | DATE                   |
|                              |              | FAND               | ----                   |
| SHEET NO. 1 OF 1             |              | APPROVED BY        | DATE                   |
|                              |              | Wang Yan           | ----                   |
| DIMENSION STYLE              | DESIGN UNITS | SCALE              | THIRD ANGLE PROJECTION |
| MM ONLY                      | METRIC       | 10:1               |                        |

frame size: A4  
Rev.A 2022.04.09

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#### 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:

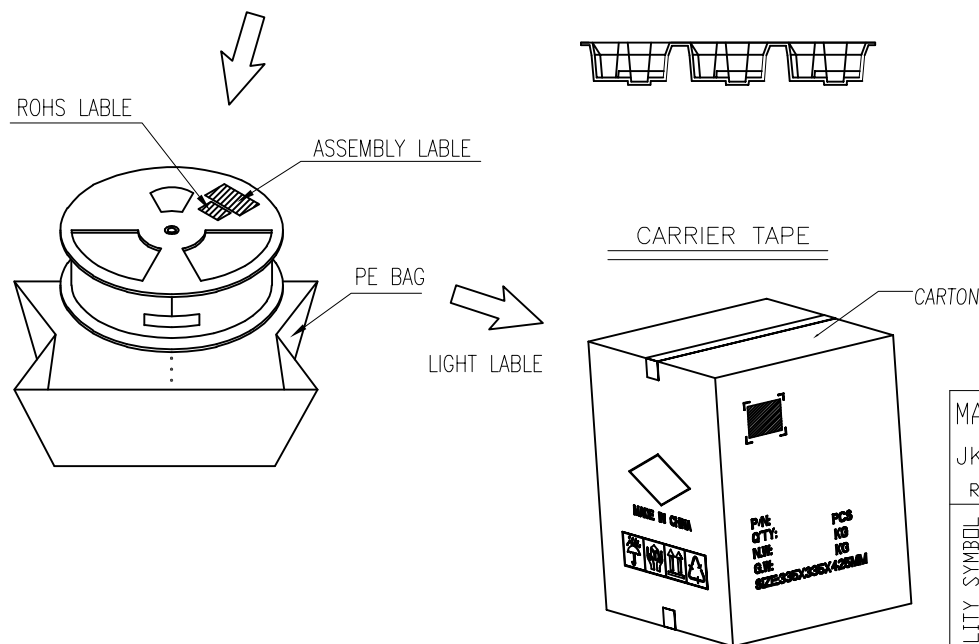
- 2.1 REEL: W=24.5,  $\phi A=330$
- 2.2 CARRIER TAPE: T=0.30 W=24.0
- 2.3 COVER TAPE: T=0.05 W=21.5
- 2.4 SHIPPING CARTON: L=335mm, W=335mm, H=425mm

##### 3. QUANTITY :

- 3.1 PRIMAY PACKING: 1200PCS/REEL
- 3.2 SECONARY PACKING: 12 REELS/CARTON(14400PCS/CARTON)

##### 4. PEELING RESISTANCE: 0.1~1.3N

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



|                                             |                                       |                                                                                                                                      |                                       |
|---------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 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-US3216AGB00143R                          |                                       | TITLE                                                                                                                                |                                       |
| REVIEW TABLE FOR DETAILS                    |                                       | 16 Pin USB Type C 板上型全插 (短款)                                                                                                         |                                       |
| QUALITY SYMBOL<br>▽ = 0<br>▽ = 12<br>▽ = 12 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                      | ECN DESCRIPTION<br>RELEASE TO TOOLING |
|                                             | X±0.60                                | X*±5.0°                                                                                                                              | DRAWN BY<br>KATE DENG                 |
|                                             | .X±0.35                               | .X*±3.0°                                                                                                                             | CHECKED BY<br>FAND                    |
|                                             | .XX±0.25                              | .XX*±2.5°                                                                                                                            | APPROVED BY<br>Wang Yan               |
| XXX±0.15.XXX*±2.0°                          |                                       | DOCUMENT NO.                                                                                                                         | SHEET NO.<br>1 OF 1                   |
| DIMENSION STYLE<br>MM ONLY                  |                                       | DESIGN UNITS<br>METRIC                                                                                                               | SCALE<br>10:1                         |
|                                             |                                       | THIRD ANGLE PROJECTION                                                                                                               |                                       |

frame size: A4  
Rev.A 2022.04.09