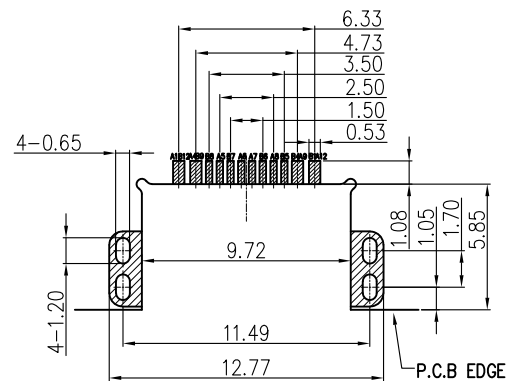
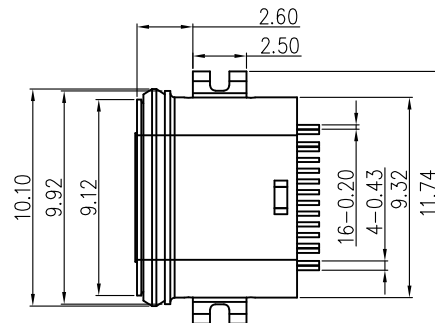
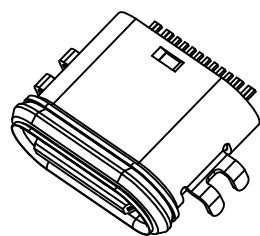
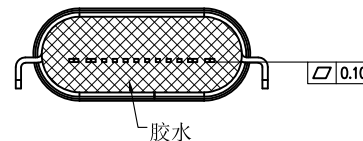


RoHS

| REV. | ECN.# | DESCRIPTION | NAME      | DATE       |
|------|-------|-------------|-----------|------------|
| A0   | _____ | NEW RELEASE | BX        | 2021.01.22 |
| A1   | _____ | 换新图框        | HuHaoTeng | 2023.12.05 |



RECOMMENDED PCB LAYOUT(TOP VIEW)  
DEFAULT TOLERANCE:±0.05



NOTES:

1. MATERIAL:

1.1 HOUSING: PA10T UL94V-0; COLOR: BLACK

1.2 TERMINAL: C7025

1.3 SHELL: SUS304

1.4 MID PLATE: SUS316

1.5 WATERPROOF RING: SILICA GEL; COLOR: WHITE

2. FINISH:

2.1 TERMINAL: G/F PLATED ON CONTACT AREA;  
G/F PLATED ON SOLDER AREA;  
Ni 30u" MIN. UNDERPLATED OVERALL.

2.2 SHELL: Ni 50u" MIN. PLATED OVERALL

2.3 MID PLATE: CLEANING.

### 3. ELECTRICAL SPECIFICATION:

### 3.1 RATED CURRENT: VBUS PIN 5A:

5.1 RATED CURRENT: VDD5 PIN 3A,  
GND PIN 1.25A; Other pin 0.25A

3.2 RATED VOLTAGE: 20V.

3.3 CONTACT RESISTANCE: 40mΩ MAX(INITIAL). 50mΩ MAX (AFTER).

3.4 INSULATION RESISTANCE: 100MΩ MIN.

3.5 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC.

#### 4. MACHINERY SPECIFICATION:

4.1 MATING FORCE: 5N~20N.

UNMATING FORCE: 8N~20N. (AFTER TEST: 6N~20N).

4.2 DURABILITY: 10000 CYCLES MIN.

5. ENVIRONMENTAL SPECIFICATION:

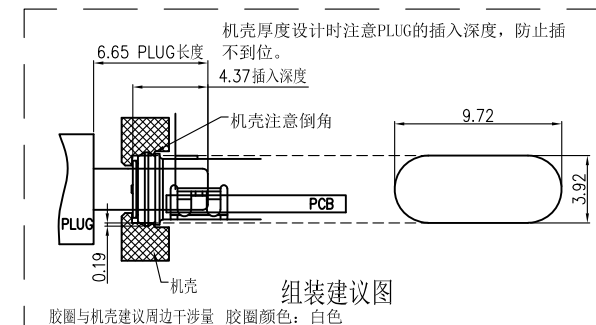
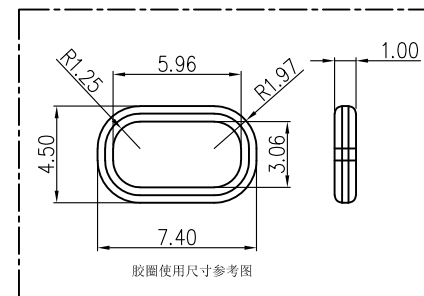
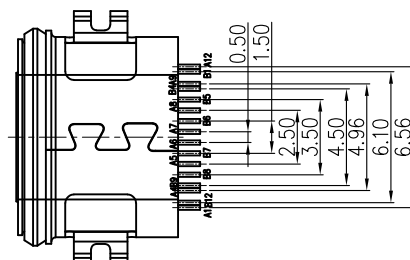
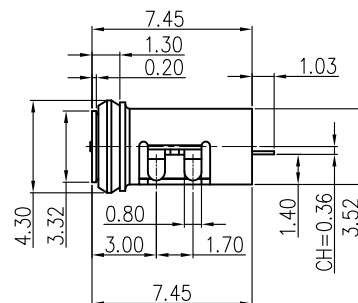
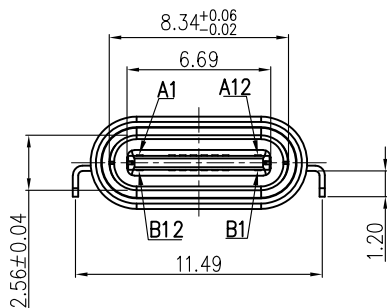
5.1 OPERATING CONDITION: TEMPERATURE-45°C~+85°C;  
HUMIDITY 80% R.H MAX

## 5.2 SALT SPRAY: 24H

6. SOLDER ABILITY: 245±5°C, 5±0.5s

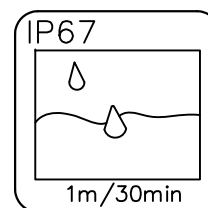
7. IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

8. WATER PROOFNESS: THIS PRODUCT IS BASED ON IPX7.



## 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         |



| MILLIMETERS | INCH        |
|-------------|-------------|
| X* ±2"      | X* ±2"      |
| X ±0.30     | .X ±0.012   |
| XX ±0.20    | .XX ±0.008  |
| XXX ±0.10   | .XXX ±0.004 |

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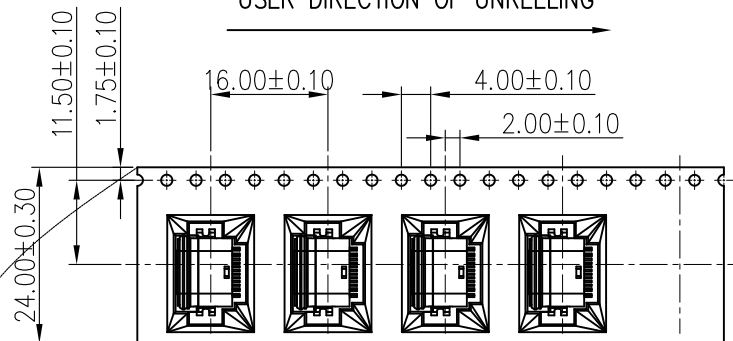


东莞市金比莱五金塑胶科技有限公司  
DongGuan JinBiLai Metal Plastic TechnologyCo.,Ltd

|     |                                                                                       |  |  |  |                               |     |       |     |         |  |  |  |
|-----|---------------------------------------------------------------------------------------|--|--|--|-------------------------------|-----|-------|-----|---------|--|--|--|
|     | TITLE                                                                                 |  |  |  | TYPE C 16PIN 沉板H=1.4<br>(防水型) |     |       |     | DR      |  |  |  |
|     | PART NO.                                                                              |  |  |  | 104313712                     |     |       |     | CHKD    |  |  |  |
| THE | PRO J.                                                                                |  |  |  | PAGE                          | 1/2 | UNITS | mm  | APPD    |  |  |  |
|     |  |  |  |  | SIZE                          | A4  | SCALE | 1:1 | DIS NO. |  |  |  |

RoHS

USER DIRECTION OF UNREELING



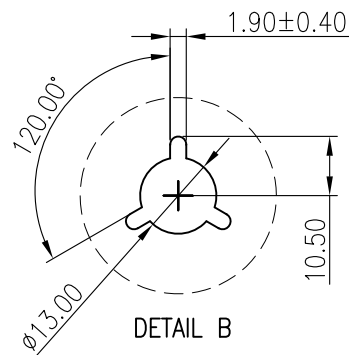
COVER TAPE PEELING ANGLE:165°~180°

PEELING FORCE:20~130g

CARRIER TAPE

USER DIRECTION OF UNREELING

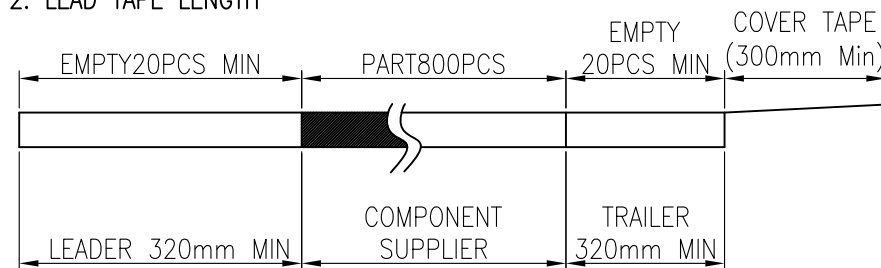
DETAIL B



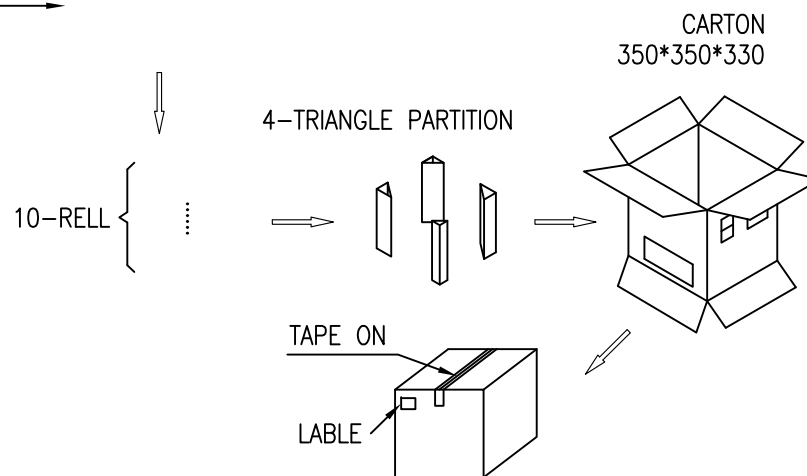
## NOTES

1. NUMBER OF CONNECTORS: 800PCS/REEL

2. LEAD TAPE LENGTH



3. QUANTITY: 8000PCS/CARTON



| MILLIMETERS                                                                                                          | INCH        | 东莞市金比莱五金塑胶科技有限公司<br>DongGuan JinBiLai Metal Plastic Technology Co.,Ltd |  |                   |  |
|----------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------|--|-------------------|--|
| X.* ±2*                                                                                                              | X.* ±2*     | JBL                                                                    |  |                   |  |
| X ±0.30                                                                                                              | .X ±0.012   | DongGuan JinBiLai Metal Plastic Technology Co.,Ltd                     |  |                   |  |
| XX ±0.20                                                                                                             | .XX ±0.008  | TITLE TYPE C 16PIN 沉板H=1.4 (防水型)                                       |  |                   |  |
| XXX ±0.10                                                                                                            | .XXX ±0.004 | DR                                                                     |  |                   |  |
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| COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DongGuan JinBiLai Metal Plastic Technology Co.,Ltd |             | PRO J. PAGE 2/2                                                        |  | UNITS mm APPD     |  |
|                                                                                                                      |             | SIZE A4                                                                |  | SCALE 1:1 DIS NO. |  |