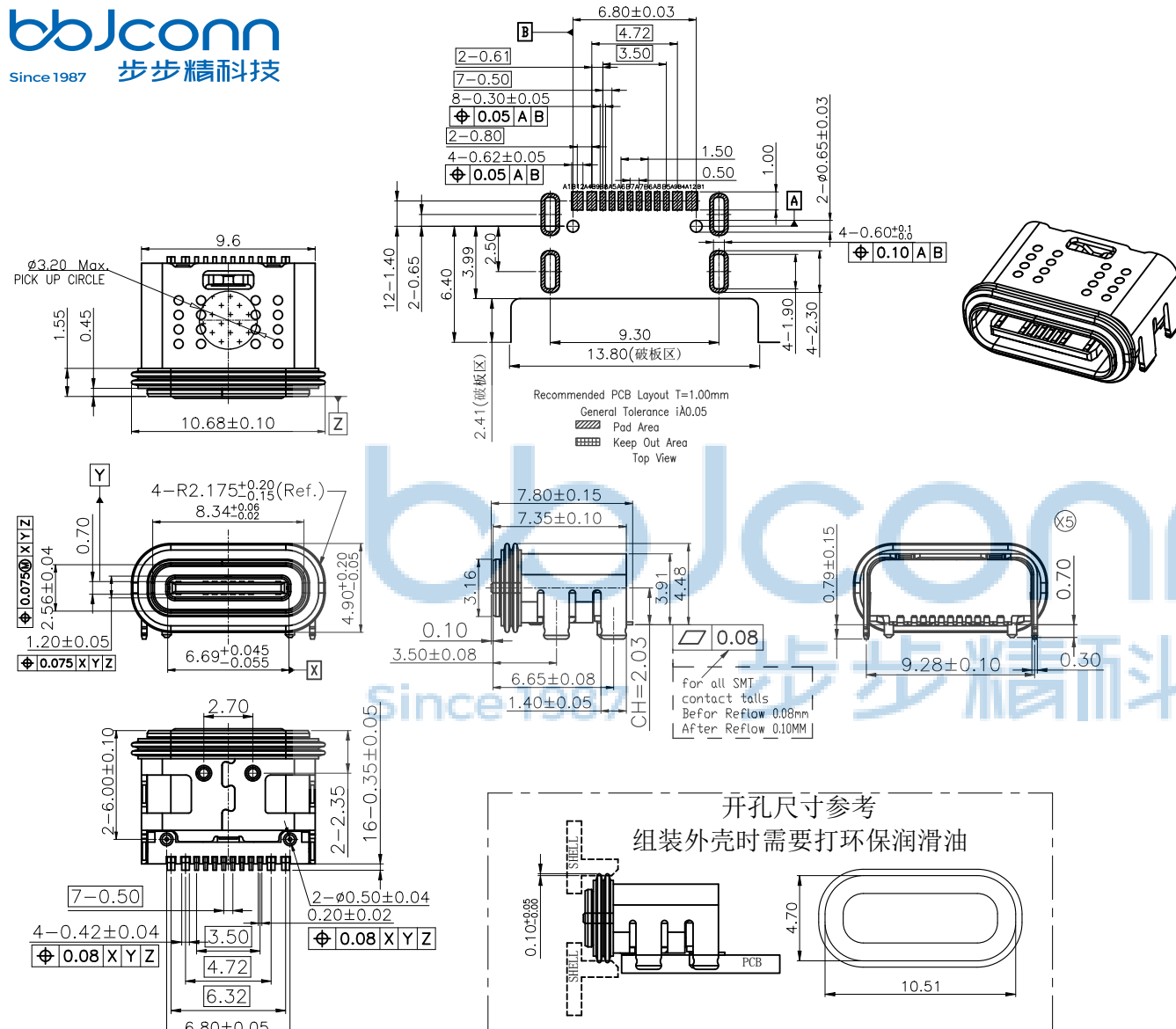


| REV. | ECN NO | CONTENT         | DATE | ENGINEER |
|------|--------|-----------------|------|----------|
| A0   |        | Initial release | /    | TSP      |

Note:

- Material:
  - 1-1. Housing: Thormplastic, UL94-V0; Colour: Black.
  - 1-2. Terminal: Copper alloy, Contact: See table A.
  - 1-3. Shell & Solder :SUS, Plating: Ni.
- Electrical Characteristics:
  - 2-1. Rating: GND: 5A, VBUS Total: 5A;
  - 2-2. Contact resistance: 40mΩ Max.; After test add 10 mΩ Max.
  - 2-3. Electric Strength test: 500VAC, 0.1S, 0.5mA;
  - 2-4. Insulation test: 500VDC, 0.1S, 100MΩ;
- Mechanical properties:
  - 3-1. Mating force: 5~20N;
  - 3-2. Unmating force: 8~20N (Initial), 6~20N (After Durability);
  - 3-3. Testing Speed: 200±50 Times/H, Test: 10000 times;
- Environmental Characteristics: Oper. Temp.: -55℃ ~ +85℃;
- Waterproof Rate: IPX4



|      |                 |              |                                              |
|------|-----------------|--------------|----------------------------------------------|
| 10   | GLUE            | MT785        | WHITE                                        |
| 9    | Silicone rubber | RBB          | RED                                          |
| 8    | Silicone rubber | RBB          | BLACK                                        |
| 7    | Outer-shell     | SUS304       | Underplated: Ni 30u"Min.                     |
| 6    | Inner-shell     | SUS304       | Underplated: Ni 30u"Min.                     |
| 5    | 2M              | PA Black     | UL94V-0                                      |
| 4    | 1M              | PA Black     | UL94V-0                                      |
| 3    | Mid-plate       | SUS301       | Cleaned                                      |
| 2    | Low contact     | Copper Alloy | Underplated: Ni 50u"Min.                     |
| 1    | Upper contact   | Copper Alloy | Contact area: Au3u"Min. Solder tall: Au1Min. |
| ITEM | PART NAME       | MATERIAL     | REMARK                                       |

PIN DEFINE:

| Pin | Signal Name | Description                                               | Mating Sequence | Pin | Signal Name | Description                                               | Mating Sequence |
|-----|-------------|-----------------------------------------------------------|-----------------|-----|-------------|-----------------------------------------------------------|-----------------|
| A1  | GND         | Ground return                                             | First           | A12 | GND         | Ground return                                             | First           |
| A4  | Vbus        | Bus Power                                                 | First           | B9  | Vbus        | Bus Power                                                 | First           |
| A5  | CA1         | Configuration Channel                                     | Second          | B8  | SBU2        | Sideband Use(SBU)                                         | Second          |
| A6  | Dp1         | Positive half of the USB 2.0 differential pair-Position 1 | Second          | B7  | Dn2         | Negative half of the USB 2.0 differential pair-Position 2 | Second          |
| A7  | Dn1         | Negative half of the USB 2.0 differential pair-Position 1 | Second          | B6  | Dp2         | Positive half of the USB 2.0 differential pair-Position 2 | Second          |
| A8  | SBU1        | Sideband Use(SBU)                                         | Second          | B5  | CC2         | Configuration Channel                                     | Second          |
| A9  | Vbus        | Bus Power                                                 | First           | B4  | Vbus        | Bus Power                                                 | First           |
| A12 | GND         | Ground return                                             | First           | A1  | GND         | Ground return                                             | First           |



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|                                                                                                      |          |                                                                         |
|------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------|
| <b>深 圳 市 步 步 精 科 技 有 限 公 司</b><br>.X: ±0.38 .X': ±3"<br>.XX: ±0.25 .X': ±2"<br>.XXX: ±0.13 .XX': ±1" |          | NAME: TYPE-C 16P 防水母座 L=7.35 CH=2.03 舌片外漏0.10<br>板上四脚插 带柱 端子SMT IPX4 编带 |
| APPD.                                                                                                | JM_Zheng | PJ. NO.: 126-221-160004-N6G                                             |
| CHKD.                                                                                                | LYX      | SIZE: A4 DRW NO.:                                                       |
| DR.                                                                                                  | TSP      | FINISH: SEE NOTES MAT'L.: SEE NOTES                                     |
|                                                                                                      |          | SCALE: N/A REV.: A0 UNIT: mm PAGE: 1/2                                  |

| REV. | ECN NO | CONTENT         | DATE | ENGINEER |
|------|--------|-----------------|------|----------|
| A0   |        | Initial release | /    | TSP      |

备注:

1. 包装方式

1-1: 使用半自动包装机, 先将 CARRY TAPE 送入导轨中, 并与 COVER TAPE 贴合在上面, 然后将产品如图示方向依次放入 CARRY TAPE 每个槽放 1PCS;

1.2. 用胶带将 CARRY TAPE 压合在一起, 真空包装后在图示指定位置贴上 LABEL;

1-3: 按图示要求将 10 盘包装好的 REEL 套入防水袋后装入纸箱, 纸箱上下按图示要求加垫硬纸板和海绵垫, 四角折三角垫固定;

1-4: 将装好产品的纸箱按图示要求封箱, 在指定区域贴好 LABEL;

2. 包装数量:

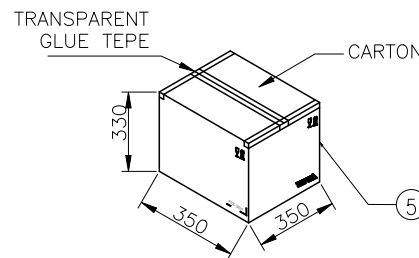
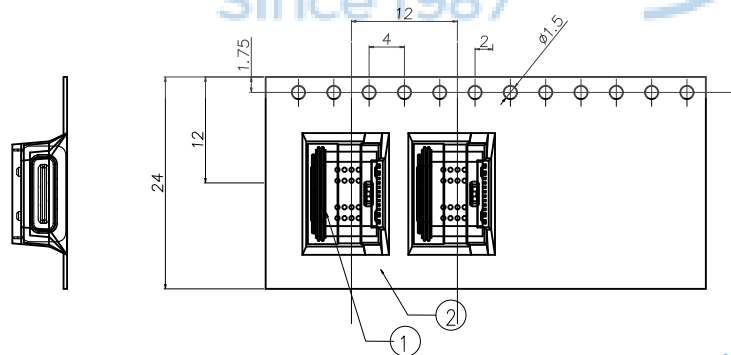
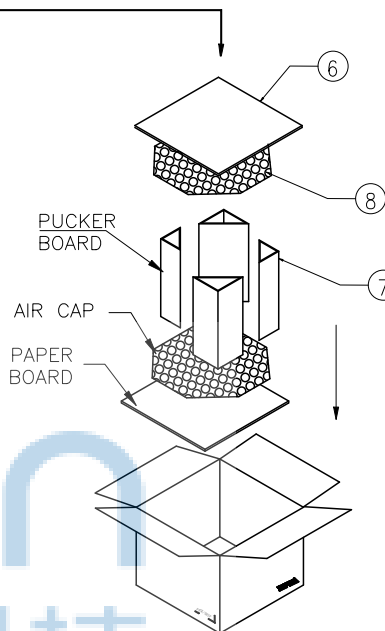
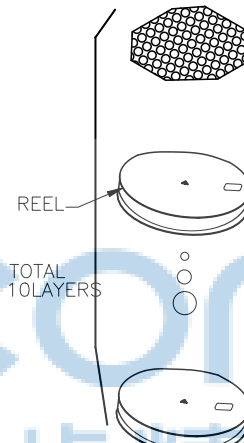
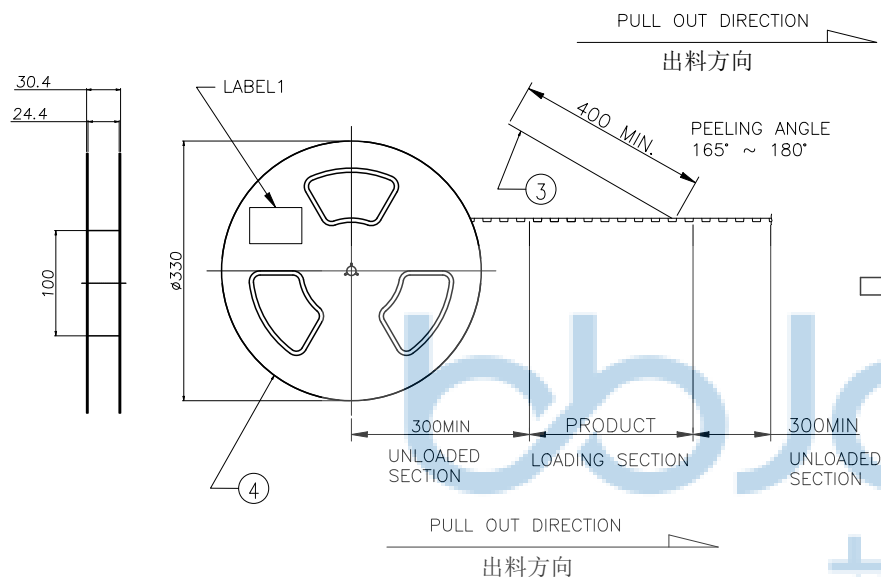
1200PCS/REEL;

10REEL (12000PCS) /CARTON.

3. 耐剥离性:

上带拉力测试规格: 20-150gf

测试条件: 以每分钟 300mm 速度引拔测试



|     |           |                            |         |
|-----|-----------|----------------------------|---------|
| 8   | 气泡垫       | L=345,W=345,T=10           | 2PCS    |
| 7   | 纸板 (折三角垫) | L=430,W=330,T=6            | 4PCS    |
| 6   | 硬纸板       | L=330,W=330,T=6            | 2PCS    |
| 5   | 外箱        | L=350,W=350,H=330          | 1PCS    |
| 4   | 卷盘        | PS,BLUE,A=330,B=100,W=32.4 | 10PCS   |
| 3   | 上带        | PET,CLEAR,W=21.3           | 11.5m   |
| 2   | 载带        | PS,BLACK,W=24,T=0.4,P=12   | 11.5m   |
| 1   | UAB CONN  | UAB CONN                   | 6000PCS |
| NO. | NAME      | SPEC                       | Q'TY    |



|                                                                                                                                                            |  |                                                                      |  |
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| CHKD. LYX                                                                                                                                                  |  | PJ. NO.: 126-221-160004-N6G                                          |  |
| DR. TSP                                                                                                                                                    |  | SIZE: A4 DRW NO.:                                                    |  |
| PDWG.NO: 0514-1                                                                                                                                            |  | FINISH: SEE NOTES MAT'L.: SEE NOTES                                  |  |
|                                                                                                                                                            |  | SCALE: N/A REV.: A0 UNIT: mm PAGE: 2/2                               |  |