

RoHS  
Compliant

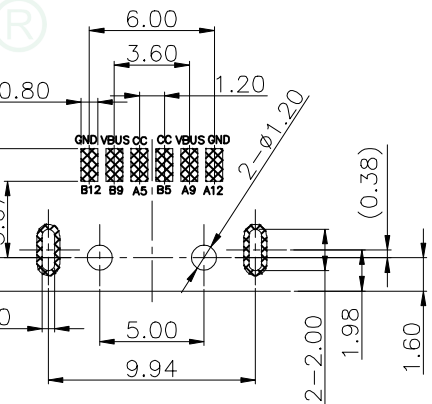


| C    |               | B           | A       |            |
|------|---------------|-------------|---------|------------|
| ZONE | E C N . N O . | DESCRIPTION | DRAWING | DATE       |
| A    |               | INITIAL     | 林生财     | 2020.02.18 |

#### SPECIFICATIONS:

1. CURRENT RATING: 3.0A MAX
2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
3. TEMPERATURE RANGE:  $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN.
6. INSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY:10,000 CYCLES
9. WATER PROOFNESS:THIS PRODUCT IS BASED ON IPX8.

3D VIEW



RECOMMENDED P.C.B LAYOUT  
TOP VIEW (TOLRANCE:±0.05)

#### 结构设计注意:

成品使用时, 如有洗面奶泡沫、牙膏、洗手液、脏污液体, 请在TYPE-C口外面再设计一层外壳, 保护TYPE-C表面金手指不会被脏污覆盖。

|     |             |     |             |
|-----|-------------|-----|-------------|
| A5  | CC1         | B12 | GND         |
| A9  | VBUS        | B9  | VBUS        |
| A12 | GND         | B5  | CC2         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

| 6   | WATERPROOF RING | SILICA GEL      | COLOR BLACK           | 1   |
|-----|-----------------|-----------------|-----------------------|-----|
| 5   | SHELL 2         | SUS304          | Ni PLATING T=0.20mm   | 1   |
| 4   | SHELL 1         | SUS304          | Ni PLATING T=0.30mm   | 1   |
| 3   | HOUSING 2       | PA10T           | COLOR BLACK           | 1   |
| 2   | CONTACT         | PHOSPHOR BRONZE | Au/Ni PLATING T=0.2mm | 6   |
| 1   | HOUSING 1       | PA10T           | COLOR BLACK           | 1   |
| NO. | DESCRIPTION     | MATERIAL        | REMARKS               | QTY |



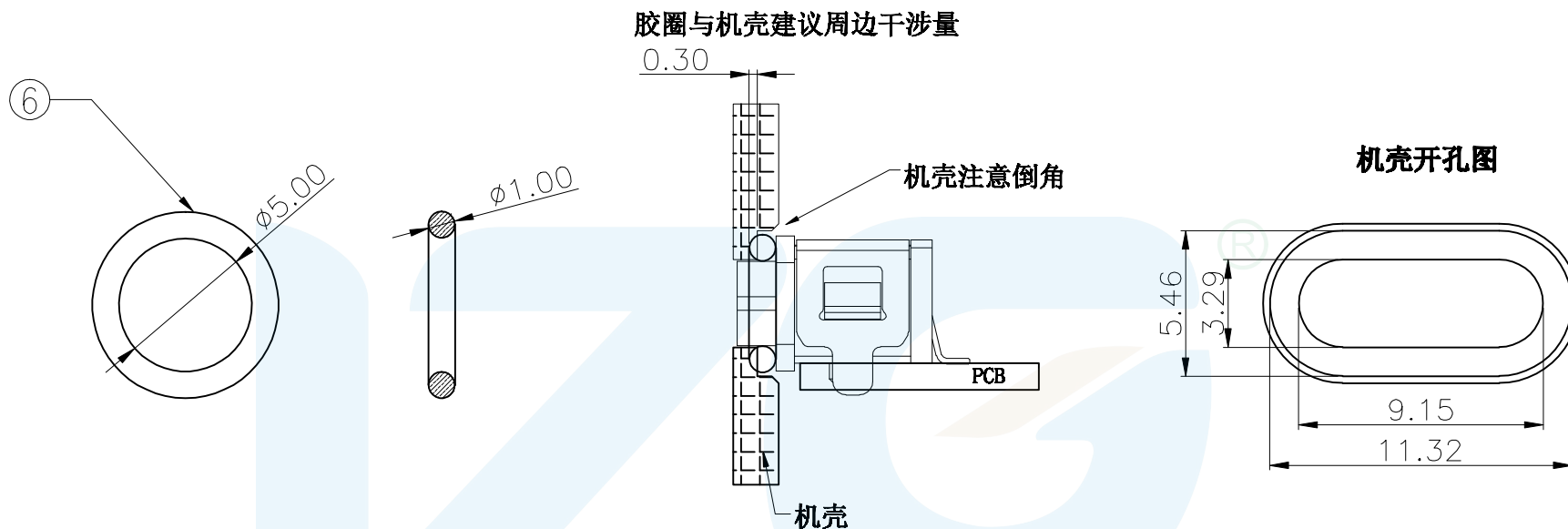
LZG INDUSTRIAL CO. LTD

|             |                  |       |            |           |     |
|-------------|------------------|-------|------------|-----------|-----|
| DRAWING:    | 林生财              | DATE: | 2020.02.18 | SCALE:    | 1:1 |
| CHECK:      | 李宏鑫              | DATE: | 2020.02.18 | MATERIAL: | *   |
| APPROVAL:   | 杨进宝              | DATE: | 2020.02.18 | DWG. NO.  |     |
| DRAWING NO. | ZB48021-06SBAP-A |       |            | SHEET     | 1/2 |

|           |                        |                      |            |            |          |  |
|-----------|------------------------|----------------------|------------|------------|----------|--|
| PART NAME | WATERPROFF TYPE C 6PIN | TOLERANCE UNLESS     | 0.0±0.3    | 0.°±2°     | UNIT: mm |  |
| PART NO.  | ZB48021-06SBAP-A       | OTHERWISE SPECIFIED: | 0.00±0.1   | 0.0°±1°    |          |  |
|           |                        |                      | 0.000±0.05 | 0.00°±0.5° |          |  |

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注：防水圈是圆形截面，直径为1.0mm的  
硅胶圈，防水圈挤压量，由1.0mm挤压到  
0.5mm ~ 0.6mm，防水效果好  
还有一种方形1.5mm厚胶圈可选择

**LZG**

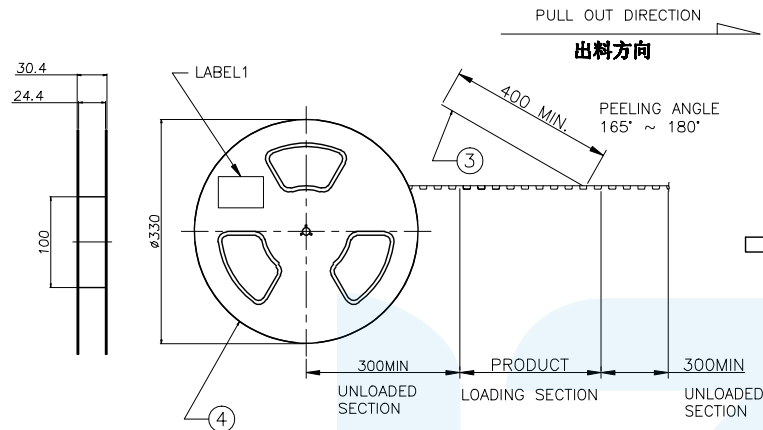
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|           |                        |                      |            |            |       |
|-----------|------------------------|----------------------|------------|------------|-------|
| PART NAME | WATERPROFF TYPE C 6PIN | TOLERANCE UNLESS     | 0.0±0.3    | 0.°±2°     | UNIT: |
| PART NO.  | ZB48021-06SBAP-A       | OTHERWISE SPECIFIED: | 0.00±0.1   | 0.0°±1°    |       |
|           |                        |                      | 0.000±0.05 | 0.00°±0.5° |       |

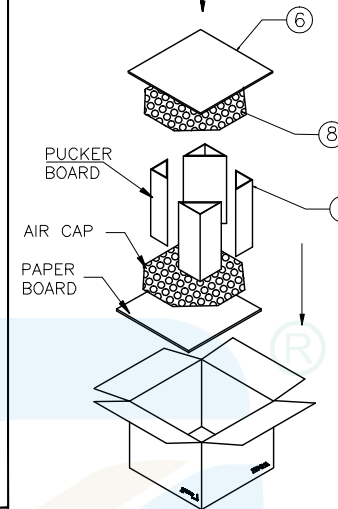
|             |                  |       |            |          |     |
|-------------|------------------|-------|------------|----------|-----|
| DRAWING:    | 林生财              | DATE: | 2020.02.18 | SCALE    | 1:1 |
| CHECK:      | 李宏鑫              | DATE: | 2020.02.18 | MATERIAL | *   |
| APPROVAL:   | 杨进宝              | DATE: | 2020.02.18 | DWG. NO. |     |
| DRAWING NO. | ZB48021-06SBAP-A |       |            | SHEET    | 2/2 |

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| ZONE | ECN.N.O. | DESCRIPTION | DRAWING | DATE       |
|------|----------|-------------|---------|------------|
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REEL  
TOTAL 10 LAYERS



### 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, 其中前端20空槽不要放产品, 尾端20空槽不要放产品, 然后将产品如图所示方向依次放入 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:

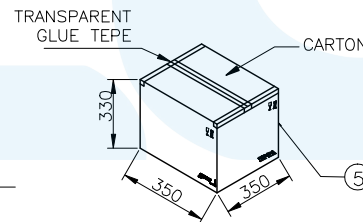
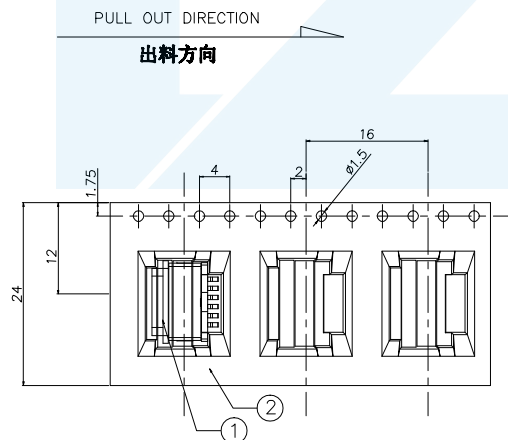
600PCS/REEL;

10REEL (6000PCS)/CARTON.

#### 3. 耐剥离性:

上带引拔力测试规格: 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=16   | 11.5m   |
| 1   | CONN      | CONN                           | 6000PCS |
| NO. | NAME      | SPEC                           | Q'TY    |

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| CHECK:      | 李宏鑫     | DATE:           | 2020.02.18 | MATERIAL | *   |
| APPROVAL:   | 杨进宝     | DATE:           | 2020.02.18 | DWG. NO. |     |
| DRAWING NO. | ZB48021 | PACKING DRAWING | SHEET      | 1/1      |     |

|           |                        |                      |            |            |       |    |
|-----------|------------------------|----------------------|------------|------------|-------|----|
| PART NAME | WATERPROFF TYPE C 6PIN | TOLERANCE-UNLESS     | 0.0±0.3    | Q:±2°      | UNIT: | mm |
| PART NO.  | ZB48021-06SBAP-A       | OTHERWISE SPECIFIED: | 0.00±0.1   | 0.0°±1°    |       |    |
|           |                        |                      | 0.000±0.05 | 0.00°±0.5° |       |    |