

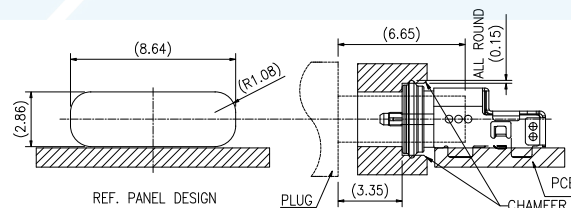
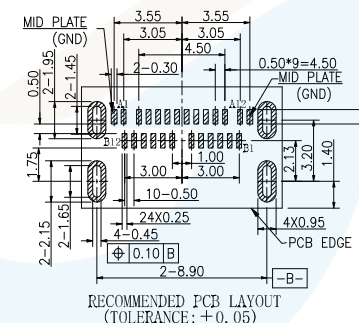
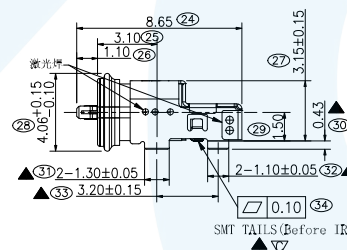
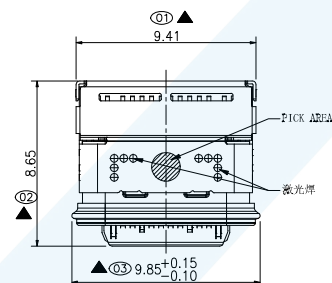
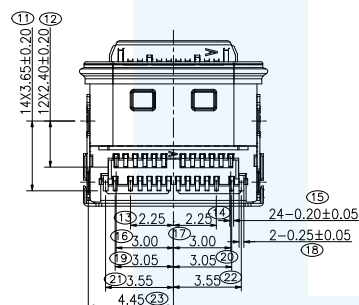
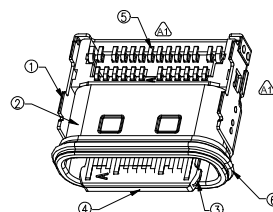
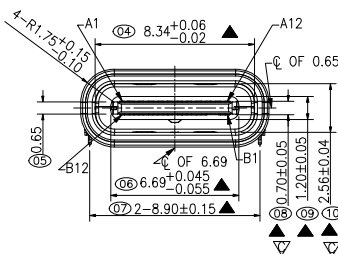
RoHS  
Compliant

| ZONE                                                                                | ECN.NO. | DESCRIPTION                                        | DRAWING | DATE       |
|-------------------------------------------------------------------------------------|---------|----------------------------------------------------|---------|------------|
|  |         | INITIAL                                            | 林生财     | 2020.02.18 |
|  |         | Modify the structure to improve the welding effect | 林生财     | 2022.03.08 |



NOIES:

- 1.ELECTRICAL CHARACTERISTICS:
- 1-1.CONTACT CURRENT RATING:
    - 5.0A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.
  - 1-2.CONTACT RESISTANCE:
    - 30 MILLIOHMS MAX FOR VBUS AND GND CONTACTS.
    - 40 MILLIOHMS MAX FOR ALL OTHER CONTACTS.
  - 1-3.DIELECTRIC WITHSTANDING VOLTAGE:100 VRMS AC MIN.
  - 1-4. INSULATION RESISTANCE:100 MEGOHMS MIN.
- 2.MECHANICAL CHARACTERISTICS:
- 2-1.CONNECTOR INSERTION FORCE:5~20N.
    - AT A MAXIMUM RATE OF 12.5MM PER MINUTE.
  - 2-2.CONNECTOR EXTRACTION FORCE:
    - 8~20N AT A MAXIMUM RATE OF 12.5MM PER MINUTE.
    - 6~20N AFTER DURABILITY TEST.
  - 2-3.DURABILITY:10000 CYCLES.
  - 2-4.OPERATING TEMPERATURE: -55℃ TO +85℃
- 3.SALT SPRAY:48HOURS.
- 4.DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
- 5.RECOMMENDED PROCESS: IR REFLOW 260℃.3~5SECONDS.
- 6.THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIAN.
8. Mark "⊗" REFERS TO FAI INSPECTION DIMENSION
9. Mark "▲" IS THE KEY INSPECTION DIMENSION OF IPQC
- 10.Mark "▽" IS CPK SIZE



| ITEM | PART NAME  | Q'TY | Material&Plating                                                                                                  | Pin | Signal Name | Pin | Signal Name |
|------|------------|------|-------------------------------------------------------------------------------------------------------------------|-----|-------------|-----|-------------|
| 1    | SUB-SHELL  | 1    | SUS304 t=0.15, Ni PLATED 30u"                                                                                     |     |             |     |             |
| 2    | MAIN-SHELL | 1    | SUS316L t=0.20 CLEANING                                                                                           | A1  | GND         | D12 | GND         |
| 3    | LATCH      | 1    | SUS301 t=0.15, Ni PLATED 30u"                                                                                     | A2  | SSTXp1      | D11 | SSRxp1      |
| 4    | HOUSING    | 1    | PA9T+30%G.F, HF BLACK                                                                                             | A3  | SSTXn1      | D10 | SSRxn1      |
| 5    | CONTACT    | 24   | C7025 t=0.12,Ni 50-150u" UNDER PLATED OVER.30u"Au PLATED ON THE CONTACT AREA, 3-8u"Au PLATED ON THE SOLDER TAILS. | A4  | Vss         | D9  | Vss         |
|      |            |      |                                                                                                                   | A5  | CC1         | E8  | SB12        |
|      |            |      |                                                                                                                   | A6  | Dp1         | F7  | Dn2         |
|      |            |      |                                                                                                                   | A7  | Dn1         | E6  | Dp2         |
| 6    | LIM        | 1    | CHN-LIMS-60A/B; Pull force 300g                                                                                   | A8  | SB01        | E5  | CC2         |
| 5    | CONTACT    | 24   | C7025 t=0.12,Ni 50-150u" UNDER PLATED OVER.15u"Au PLATED ON THE CONTACT AREA, 3-8u"Au PLATED ON THE SOLDER TAILS. | A9  | Vss         | D4  | Vss         |
|      |            |      |                                                                                                                   | A10 | SSRxn2      | E3  | SSTXn2      |
|      |            |      |                                                                                                                   | A11 | SSRxp2      | E2  | SSTXp2      |
|      |            |      |                                                                                                                   | A12 | GND         | D1  | GND         |



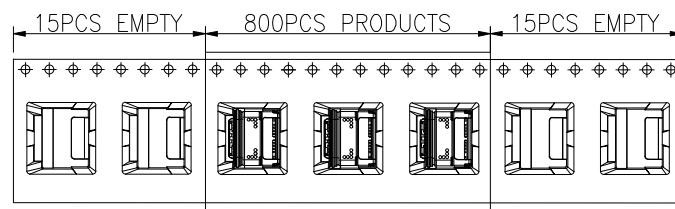
LZG INDUSTRIAL CO. LTD

|             |                  |       |            |          |     |
|-------------|------------------|-------|------------|----------|-----|
| DRAWING:    | 林生财              | DATE: | 2022.03.08 | SCALE    | 1:1 |
| CHECK:      | 李宏鑫              | DATE: | 2022.03.08 | MATERIAL | *   |
| APPROVAL:   | 杨进宝              | DATE: | 2022.03.08 | DWG.NO.  |     |
| DRAWING NO. | ZB48029-24SBAP-A |       |            | SHEET    | 1/2 |

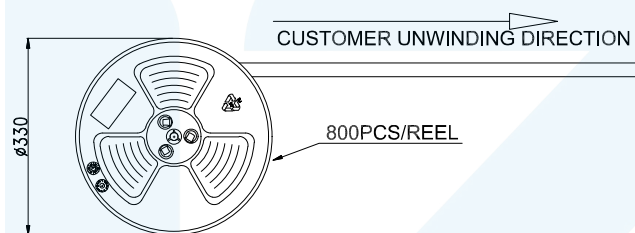
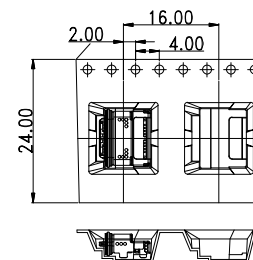
|           |                          |                      |                         |                       |             |
|-----------|--------------------------|----------------------|-------------------------|-----------------------|-------------|
| PART NAME | WATERPROFF TYPE C 24 PIN | TOLERANCE UNLESS     | 0.0±0.35                | 0.°±2°                | UNIT:<br>mm |
| PART NO.  | ZB48029-24SBAP-A         | OTHERWISE SPECIFIED: | 0.00±0.25<br>0.000±0.20 | 0.0°±1°<br>0.00°±0.5° |             |

RoHS  
Compliant

| ZONE | ECN.N.O. | DESCRIPTION                                        | DRAWING | DATE       |
|------|----------|----------------------------------------------------|---------|------------|
| △0   |          | INITIAL                                            | 林生财     | 2020.02.18 |
| △1   |          | Modify the structure to improve the welding effect | 林生财     | 2022.03.08 |

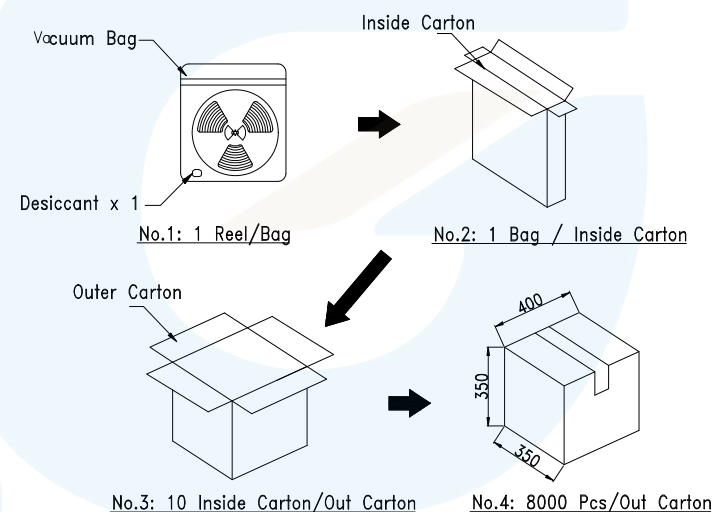


REEL OFF DIRECTION



包装说明:

1. 将产品放入REEL卷中, 然后贴上透明PE上带 800PCS/卷;
2. 然后尾部用胶纸粘贴, 在REEL卷盘上贴上数量标签;
3. 将包装好的产品放入指定的外箱中, 一箱装10盘, 8000 PCS/箱;
4. 出货标签要严格按照要求进行填写;
5. 纸箱封盖后以封箱胶封箱, 贴上出货标签;
6. 外箱若客户另有贴标签要求, 则按其订单注明之要求贴;
7. 纸箱尺寸及印刷见包材图面;
8. 未滿之零数箱需以缓冲材料填满, 并贴上零数标签, 写明具体数量;
9. 本包装适装产品: USB TYPE C母座24P 双排SMT 防水型 ;
10. ROHS+HIF.



LZG

LZG INDUSTRIAL CO. LTD

|             |                  |       |            |          |     |
|-------------|------------------|-------|------------|----------|-----|
| DRAWING:    | 林生财              | DATE: | 2022.03.08 | SCALE    | 1:1 |
| CHECK:      | 李宏鑫              | DATE: | 2022.03.08 | MATERIAL | *   |
| APPROVAL:   | 杨进宝              | DATE: | 2022.03.08 | DWG.NO.  |     |
| DRAWING NO. | ZB48029-24SBAP-A |       |            | SHEET    | 1/2 |

|           |                          |                      |            |            |       |
|-----------|--------------------------|----------------------|------------|------------|-------|
| PART NAME | WATERPROFF TYPE C 24 PIN | TOLERANCE UNLESS     | 0.0±0.35   | 0°±2°      | UNIT: |
| PART NO.  | ZB48029-24SBAP-A         | OTHERWISE SPECIFIED: | 0.00±0.25  | 0.0°±1°    |       |
|           |                          |                      | 0.000±0.20 | 0.00°±0.5° |       |