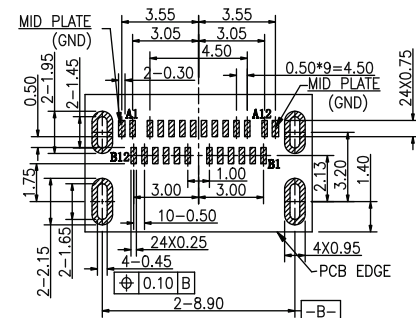
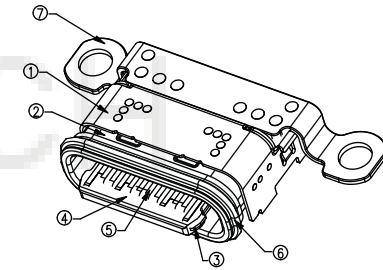
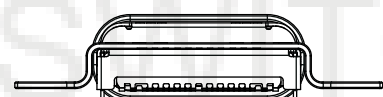
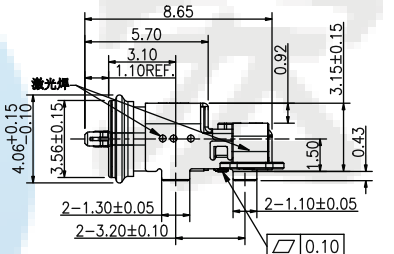
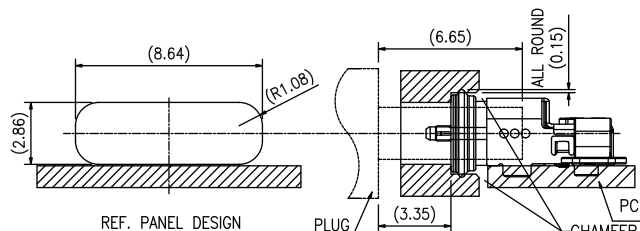
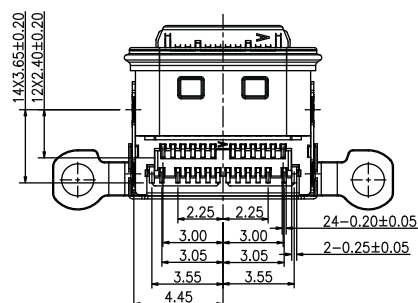
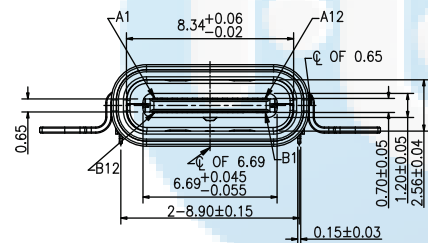
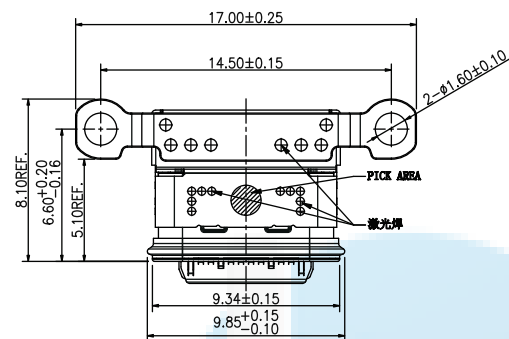


**ROHS**  

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**Compatible**



**RECOMMENDED PCB LAYOUT**  
(TOLERANCE:  $\pm 0.05$ )

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.RECOMMENED PROCESS: IR REFLOW 260℃. 3~5SECONDS.
- 6.THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIAN.

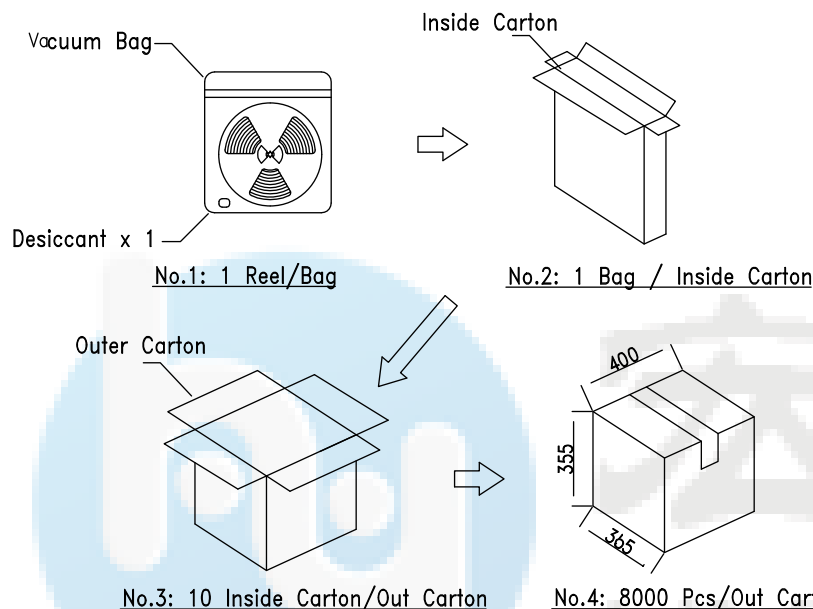
|    |      |      |      |      |        |       |      |
|----|------|------|------|------|--------|-------|------|
| U5 | 189- | 24P  | x    | x    | x      | 8.65L | x    |
| 名称 | 流水号  | PIN位 | N:母座 | M:带耳 | W:舌头外露 | L:长度  | F:防水 |

| Pin | Signal Name     | Pin | Signal Name     |
|-----|-----------------|-----|-----------------|
| A1  | GND             | B12 | GND             |
| A2  | SSTXp1          | B11 | SSTXp1          |
| A3  | SSTXn1          | B10 | SSTXn1          |
| A4  | V <sub>cc</sub> | B9  | V <sub>cc</sub> |
| A5  | CC1             | B8  | SBU2            |
| A6  | Dp1             | B7  | Dn2             |
| A7  | Dn1             | B6  | Dp2             |
| A8  | SBU1            | B5  | CC2             |
| A9  | V <sub>cc</sub> | B4  | V <sub>cc</sub> |
| A10 | SSTXn2          | B3  | SSTXn2          |
| A11 | SSTXp2          | B2  | SSTXp2          |
| A12 | GND             | B1  | GND             |

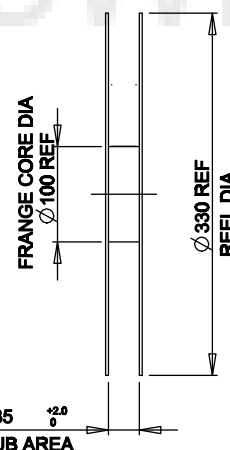
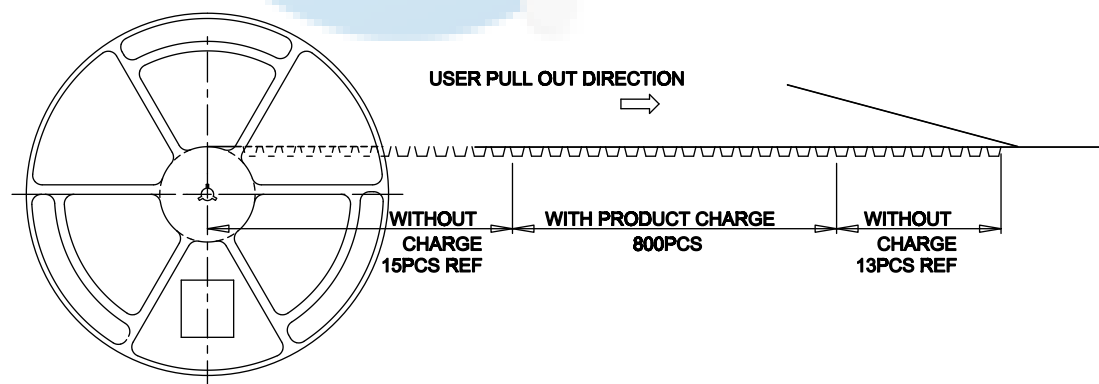
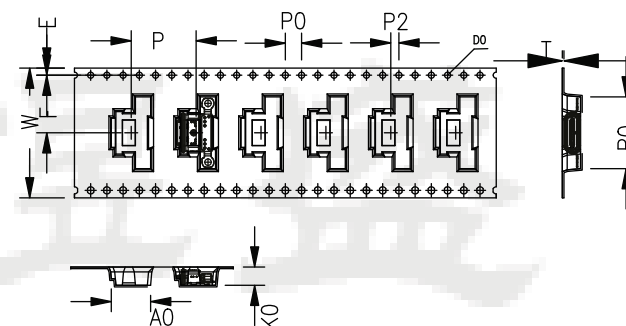
| TABLE: |             |      |                                                                                                                         |
|--------|-------------|------|-------------------------------------------------------------------------------------------------------------------------|
| ITEM   | PART NAME   | Q'TY | Material&Plating                                                                                                        |
| 1      | SUB-SHELL   | 1    | SUS304 t=0.15, Ni PLATED 30u"                                                                                           |
| 2      | MAIN-SHELL  | 1    | SUS316L t=0.20 CLEANING                                                                                                 |
| 3      | LATCH       | 1    | SUS301 t=0.15, Ni PLATED 30u"                                                                                           |
| 4      | HOUSING     | 1    | PA9T+30%G.F, HF BLACK                                                                                                   |
| 5      | CONTACT     | 24   | G7025 t=0.12,Ni 50-150u" UNDER PLATED<br>OVER.30u"Au PLATED ON THE CONTACT AREA,<br>3-8u"Au PLATED ON THE SOLDER TAILS. |
| 6      | LIM         | 1    | CHN-LIMS-60A/B; Pull force 300g                                                                                         |
| 7      | COVER SHELL | 1    | SUS304 t=0.30 CLEANING                                                                                                  |

|          |               |       |               |                                                                                                                                                                           |                                    |                                                                                                                                                                                                                                           |
|----------|---------------|-------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DESIGN   | Li Jinwei     | SCALL |               | <br><b>TOLERANCE</b><br>X.X ±0.30 X.°±2°<br>.XX ±0.20 .X°±1°<br>.XXX ±0.10 .XX°±0.5° | DRAWG NO.                          |  <b>东莞市宏煜盛实业有限公司</b><br>Dongguan hongyusheng Industry Co., Ltd<br>TEL: 0769-81230179 <a href="https://www.hystypec.com">https://www.hystypec.com</a> |
| DRAWING  | Wu Qifa       | UNIT  | mm            |                                                                                                                                                                           | U5189-24PNMW8.65LF                 |                                                                                                                                                                                                                                           |
| CHECK    | Zheng Jinxian | SIZE  | A4: 210 * 297 |                                                                                                                                                                           | TITLE:                             |                                                                                                                                                                                                                                           |
| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |                                                                                                                                                                           | 防水24P 板上四脚插板SMT 带耳 舌头外露 8.65L IPX8 |                                                                                                                                                                                                                                           |

ROHS  
Compatible



| ITEM | W            | A0             | B0             |  | D            | E    | F     | K0             | P0   | P2   | P    | T     |
|------|--------------|----------------|----------------|--|--------------|------|-------|----------------|------|------|------|-------|
| DIM  | 32.0         | 9.70           | 17.70          |  | 1.5          | 1.75 | 14.20 | 4.50           | 4.0  | 2.0  | 16.0 | 0.40  |
| TOLE | +0.3<br>-0.3 | +0.15<br>-0.15 | +0.15<br>-0.15 |  | +0.1<br>-0.0 | ±0.1 | ±0.10 | +0.15<br>-0.15 | ±0.1 | ±0.1 | ±0.1 | ±0.05 |



#### 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. 未满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+HF.

|          |               |       |               |            |                                 |
|----------|---------------|-------|---------------|------------|---------------------------------|
| DESIGN   | Li Jinwei     | SCALL |               |            | DRAWG NO.<br>U5189-24PNMW8.65LF |
| DRAWING  | Wu Qifa       | UNIT  | mm            |            |                                 |
| CHECK    | Zheng Jinxian | SIZE  | A4: 210 * 297 |            |                                 |
| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |            |                                 |
|          |               |       |               | TOLERANCE  |                                 |
|          |               |       |               | X.X ±0.30  | X.°±2°                          |
|          |               |       |               | .XX ±0.20  | .X°±1°                          |
|          |               |       |               | .XXX ±0.10 | .XX°±0.5°                       |



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