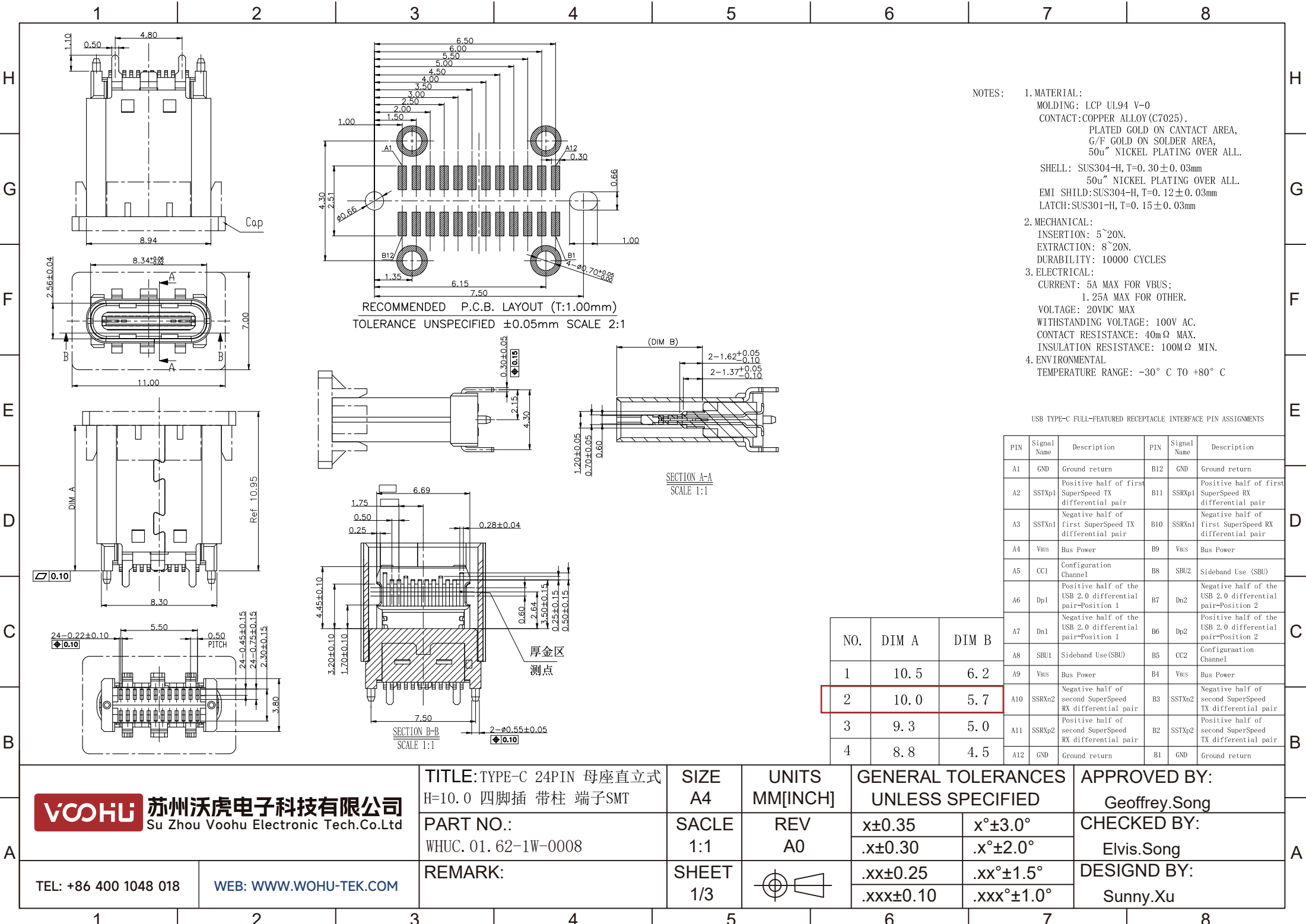




NOTES: 1. MATERIAL:  
MOLDING: LCP UL94 V-0  
CONTACT: COPPER ALLOY (C7025).  
PLATED GOLD ON CONTACT AREA,  
G/F GOLD ON SOLDER AREA,  
50u" NICKEL PLATING OVER ALL.  
SHELL: SUS304-H, T=0.30±0.03mm  
50u" NICKEL PLATING OVER ALL.  
EMI SHIELD: SUS304-H, T=0.12±0.03mm  
LATCH: SUS301-H, T=0.15±0.03mm  
2. MECHANICAL:  
INSERTION: 5~20N.  
EXTRACTION: 8~20N.  
DURABILITY: 10000 CYCLES  
3. ELECTRICAL:  
CURRENT: 5A MAX FOR VBUS;  
1.25A MAX FOR OTHER.  
VOLTAGE: 20VDC MAX  
WITHSTANDING VOLTAGE: 100V AC.  
CONTACT RESISTANCE: 40mΩ MAX.  
INSULATION RESISTANCE: 100MΩ MIN.  
4. ENVIRONMENTAL  
TEMPERATURE RANGE: -30° C TO +80° C

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

| PIN | Signal Name | Description                                               | PIN | Signal Name | Description                                               |
|-----|-------------|-----------------------------------------------------------|-----|-------------|-----------------------------------------------------------|
| A1  | GND         | Ground return                                             | B12 | GND         | Ground return                                             |
| A2  | SSTxp1      | Positive half of first SuperSpeed TX differential pair    | B11 | SSRXp1      | Positive half of first SuperSpeed RX differential pair    |
| A3  | SSTxn1      | Negative half of first SuperSpeed TX differential pair    | B10 | SSRXn1      | Negative half of first SuperSpeed RX differential pair    |
| A4  | VBUS        | Bus Power                                                 | B9  | VBUS        | Bus Power                                                 |
| A5  | CC1         | Configuration Channel                                     | B8  | SBU2        | Sideband Use (SBU)                                        |
| A6  | Dp1         | Positive half of the USB 2.0 differential pair-Position 1 | B7  | Dn2         | Negative half of the USB 2.0 differential pair-Position 2 |
| A7  | Dn1         | Negative half of the USB 2.0 differential pair-Position 1 | B6  | Dp2         | Positive half of the USB 2.0 differential pair-Position 2 |
| A8  | SBU1        | Sideband Use (SBU)                                        | B5  | CC2         | Configuration Channel                                     |
| A9  | VBUS        | Bus Power                                                 | B4  | VBUS        | Bus Power                                                 |
| A10 | SSRXn2      | Negative half of second SuperSpeed RX differential pair   | B3  | SSTXn2      | Negative half of second SuperSpeed TX differential pair   |
| A11 | SSRXp2      | Positive half of second SuperSpeed RX differential pair   | B2  | SSTXp2      | Positive half of second SuperSpeed TX differential pair   |
| A12 | GND         | Ground return                                             | B1  | GND         | Ground return                                             |

| NO. | DIM A | DIM B |
|-----|-------|-------|
| 1   | 10.5  | 6.2   |
| 2   | 10.0  | 5.7   |
| 3   | 9.3   | 5.0   |
| 4   | 8.8   | 4.5   |

**VOOHU** 苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

TITLE: TYPE-C 24PIN 母座直立式  
H=10.0 四脚插 带柱 端子SMT

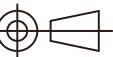
PART NO.:  
WHUC.01.62-1W-0008

REMARK:

SIZE  
A4

SACLE  
1:1

SHEET  
1/3



UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

x±0.35  
.x±0.30  
.xx±0.25  
.xxx±0.10

APPROVED BY:  
Geoffrey.Song

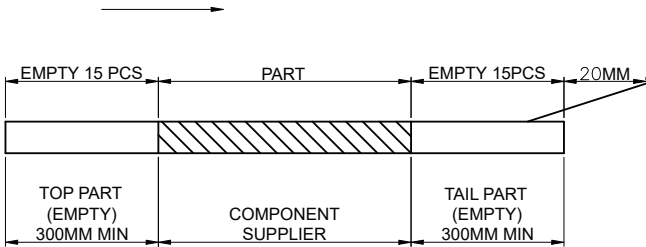
CHECKED BY:  
Elvis.Song

DESIGN BY:  
Sunny.Xu

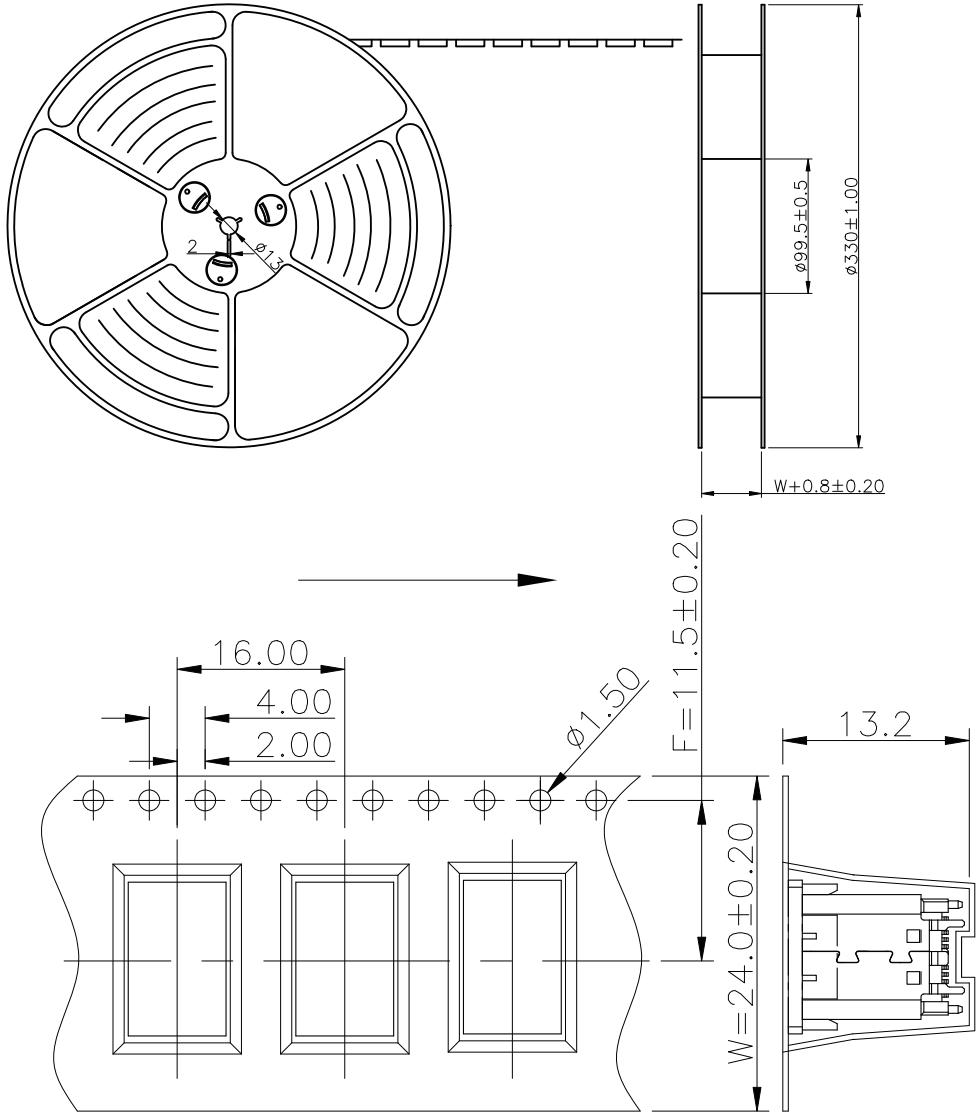
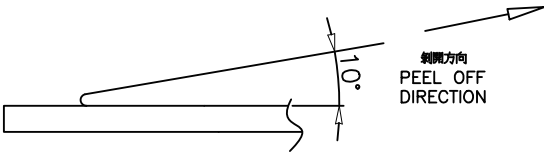
出料方向  
PULL OUT DIRECTEON

NOTES

1.帶子引導長度  
LEAD TAPE LENGTH  
出料方向  
PULL OUT DIRECTEON



2.上帶 剝力力為：0.1~1.3N(10.2gf~130gf)  
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)  
出貨運輸過程中一定注意：  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT：  
卷帶在運輸過程中不能散開  
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



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TITLE:TYPE-C 24PIN 母座直立式  
H=10.0 四脚插 带柱 端子SMT

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
WHUC. 01. 62-1W-0008

SACLE  
1:1

REV  
A0

$x \pm 0.35$   
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

REMARK:

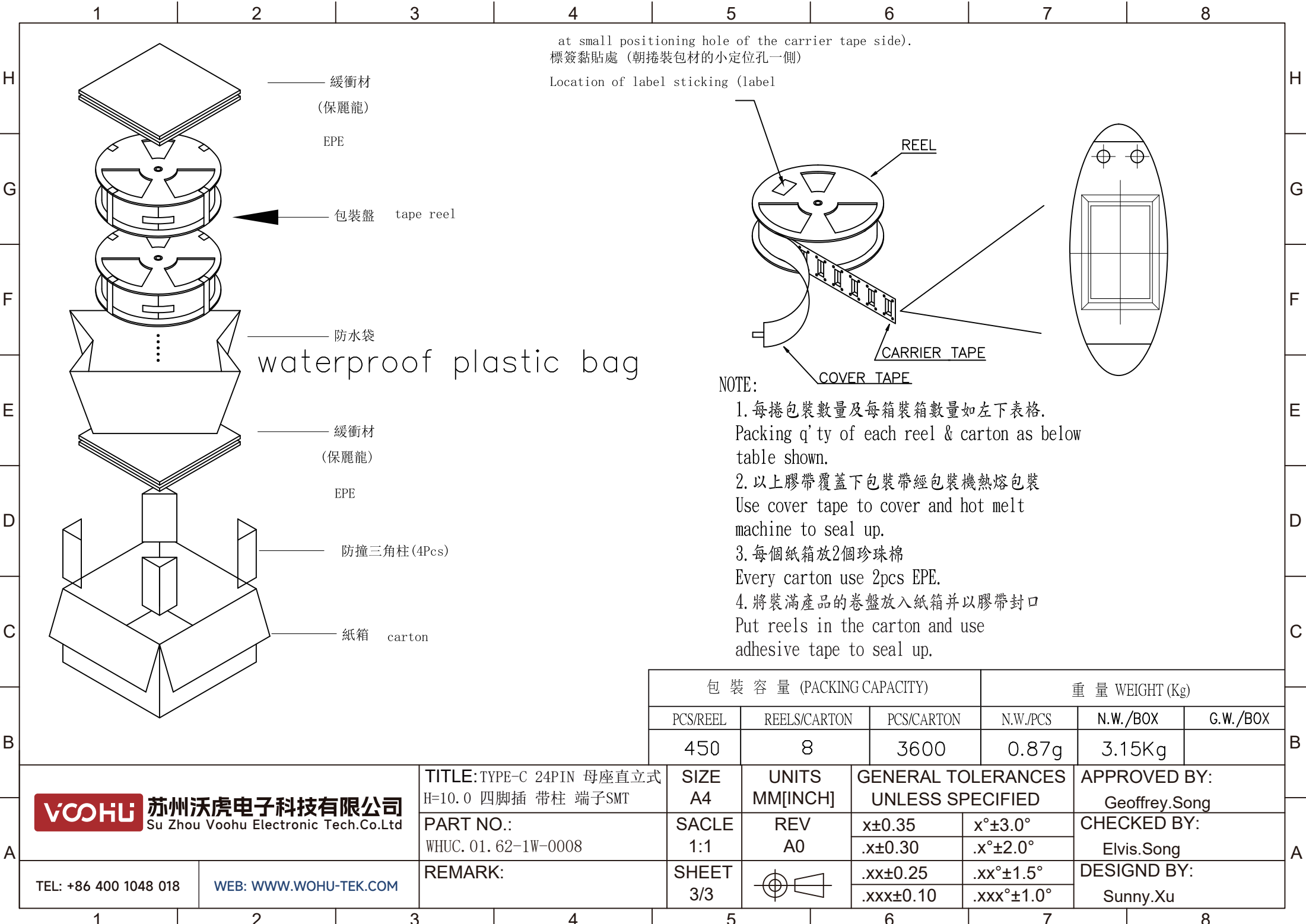
SHEET  
2/3



$.xx \pm 0.25$   
 $.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:  
Sunny.Xu



at small positioning hole of the carrier tape side).  
標籤黏貼處 (朝捲裝包材的小定位孔一側)  
Location of label sticking (label

NOTE:

1. 每捲包裝數量及每箱裝箱數量如左下表格。  
Packing q'ty of each reel & carton as below table shown.
2. 以上膠帶覆蓋下包裝帶經包裝機熱熔包裝  
Use cover tape to cover and hot melt machine to seal up.
3. 每個紙箱放2個珍珠棉  
Every carton use 2pcs EPE.
4. 將裝滿產品的卷盤放入紙箱并以膠帶封口  
Put reels in the carton and use adhesive tape to seal up.

| 包 裝 容 量 (PACKING CAPACITY) |              |            | 重 量 WEIGHT (Kg) |          |          |
|----------------------------|--------------|------------|-----------------|----------|----------|
| PCS/REEL                   | REELS/CARTON | PCS/CARTON | N.W./PCS        | N.W./BOX | G.W./BOX |
| 450                        | 8            | 3600       | 0.87g           | 3.15Kg   |          |

|                                                                                                                                                |  |                                                  |              |                                                                                       |                                        |                                                         |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--------------|---------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------|-------------------------------|
|  <b>苏州沃虎电子科技有限公司</b><br>Su Zhou Voohu Electronic Tech.Co.Ltd |  | TITLE: TYPE-C 24PIN 母座直立式<br>H=10.0 四脚插 带柱 端子SMT | SIZE<br>A4   | UNITS<br>MM[INCH]                                                                     | GENERAL TOLERANCES<br>UNLESS SPECIFIED |                                                         | APPROVED BY:<br>Geoffrey.Song |
|                                                                                                                                                |  | PART NO.:<br>WHUC. 01. 62-1W-0008                | SACLE<br>1:1 | REV<br>A0                                                                             | $x \pm 0.35$<br>$.x \pm 0.30$          | $x^\circ \pm 3.0^\circ$<br>$.x^\circ \pm 2.0^\circ$     | CHECKED BY:<br>Elvis.Song     |
|                                                                                                                                                |  | REMARK:                                          | SHEET<br>3/3 |  | $.xx \pm 0.25$<br>$.xxx \pm 0.10$      | $.xx^\circ \pm 1.5^\circ$<br>$.xxx^\circ \pm 1.0^\circ$ | DESIGND BY:<br>Sunny.Xu       |