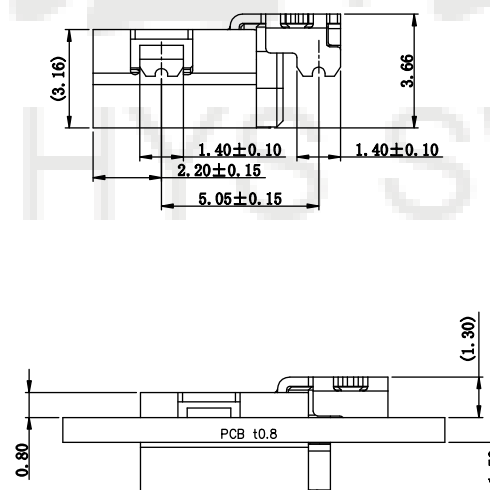
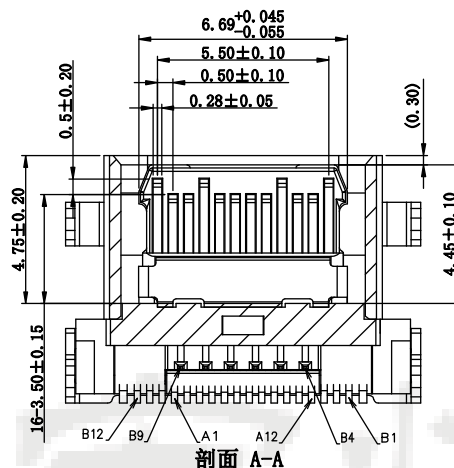
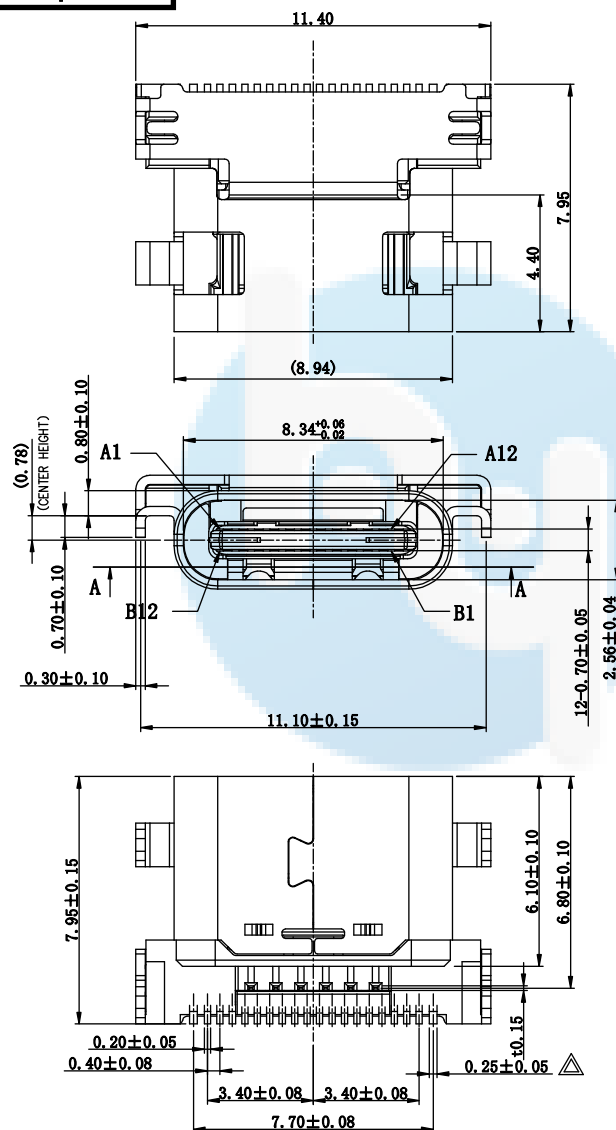


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MOUNTING CONDITION (REF.)

## NOTES:

### 1. MATERIAL:

MOLDING: LCP UL94 V-0

CONTACT: COPPER ALLOY.

GOLD PLATED Min ON CONTACT AREA, 100u''

Min TIN (LEAD FREE) ON SOLDER AREA,

SHELL: SUS304-1/2H, T=0.30±0.03mm

50u'' NICKEL PLATING OVER ALL.

EMI-SHELL: SUS304-H, T=0.12±0.03mm

Shield SHELL: SUS301-H, T=0.15±0.01mm

### 2. MECHANICAL:

INSERTION: 5~20N.

EXTRACTION: 8~20N AFTER TEST.

DURABILITY: 10000 CYCLES

### 3. ELECTRICAL:

CURRENT: 3A FOR VBUS;

1.25A FOR GND PIN.

0.25A FOR OTHER.

VOLTAGE: 20 V MAX

WITHSTANDING VOLTAGE: 100V AC R.M.S.

CONTACT RESISTANCE: 40mΩ MAX.

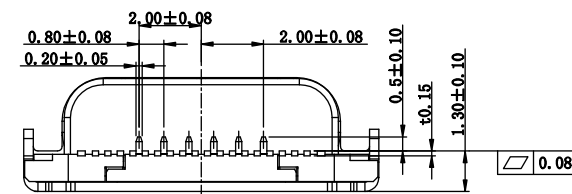
INSULATION RESISTANCE: 100MΩ MIN.

### 4. ENVIRONMENTAL

TEMPERATURE RANGE -55° C ~ +85° C

U5 118- 24P x 2.36C 7.95L

名称 流水号 PIN位 N;母座 C;沉板 L;长度

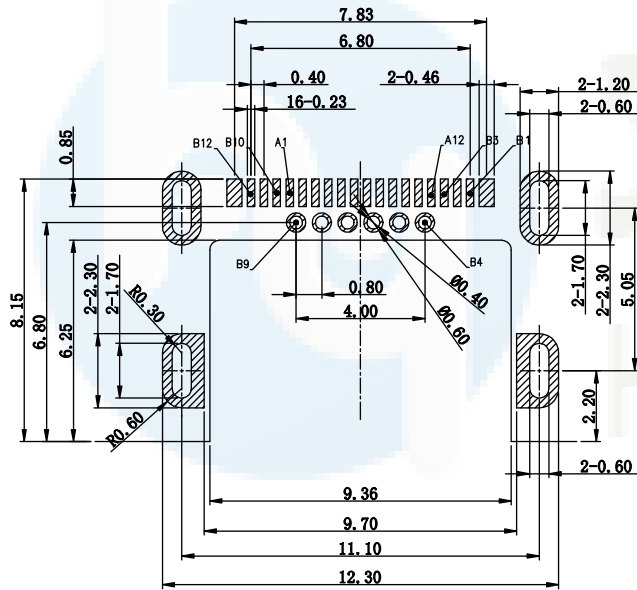
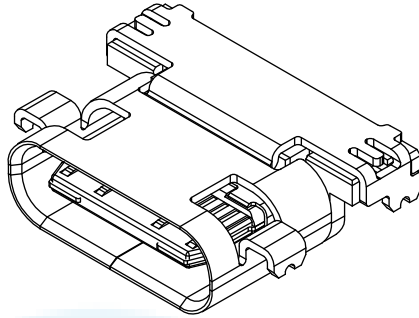


|          |               |       |               |  |                                |
|----------|---------------|-------|---------------|--|--------------------------------|
| DESIGN   | Li Jinwei     | SCALL |               |  | DRAWG NO.                      |
| DRAWING  | Wu Qifa       | UNIT  | mm            |  | U5118-24PN2.36C7.95L           |
| CHECK    | Zheng Jinxian | SIZE  | A4: 210 * 297 |  | TITLE:                         |
| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |  | 24P 沉板2.36mm 四脚插板DIP+SMT 7.95L |



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RECOMMEND P. C. B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

KEEP OUT AREA

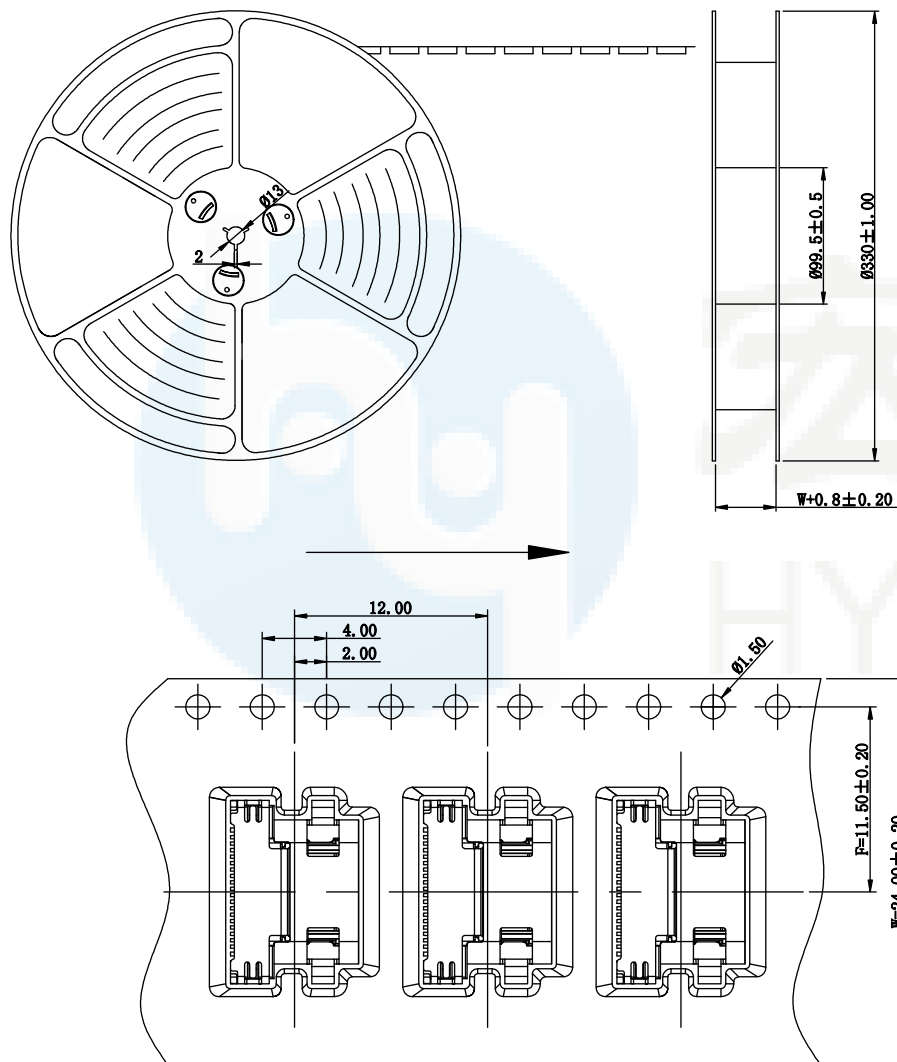
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

| 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         | Configuraation 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                                             |

|          |               |       |               |                                                                                                                                                           |                                |                                                                                                                                              |
|----------|---------------|-------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| DESIGN   | Li Jinwei     | SCALL |               | <br>TOLERANCE<br>X.X $\pm 0.30$ X. $^{\circ}\pm 2^{\circ}$<br>.XX $\pm 0.20$ .X. $^{\circ}\pm 1^{\circ}$<br>.XXX $\pm 0.10$ .XX $^{\circ}\pm 0.5^{\circ}$ | DRAWG NO.                      | 东莞市宏煜盛实业有限公司<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            |                                                                                                                                                           | U5118-24PN2.36C7.95L           |                                                                                                                                              |
| CHECK    | Zheng Jinxian | SIZE  | A4: 210 * 297 |                                                                                                                                                           | TITLE:                         |                                                                                                                                              |
| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |                                                                                                                                                           | 24P 沉板2.36mm 四脚插板DIP+SMT 7.95L |                                                                                                                                              |

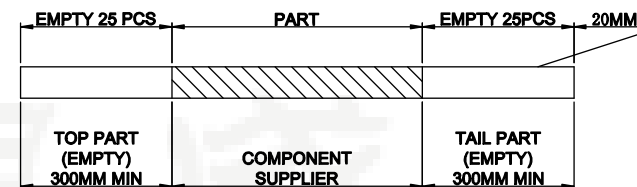
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出料方向  
PULL OUT DIRECTION

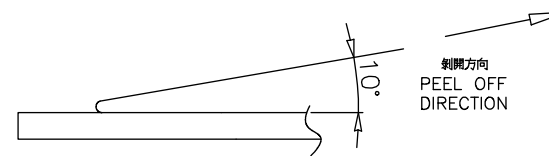


NOTES

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



2. 上帶 剝力力為:  $0.1 \sim 1.3N (10.2gf \sim 130gf)$   
PEELING OFF FORCE OF TOP TAPE:  $0.1 \sim 1.3N (10.2gf \sim 130gf)$   
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

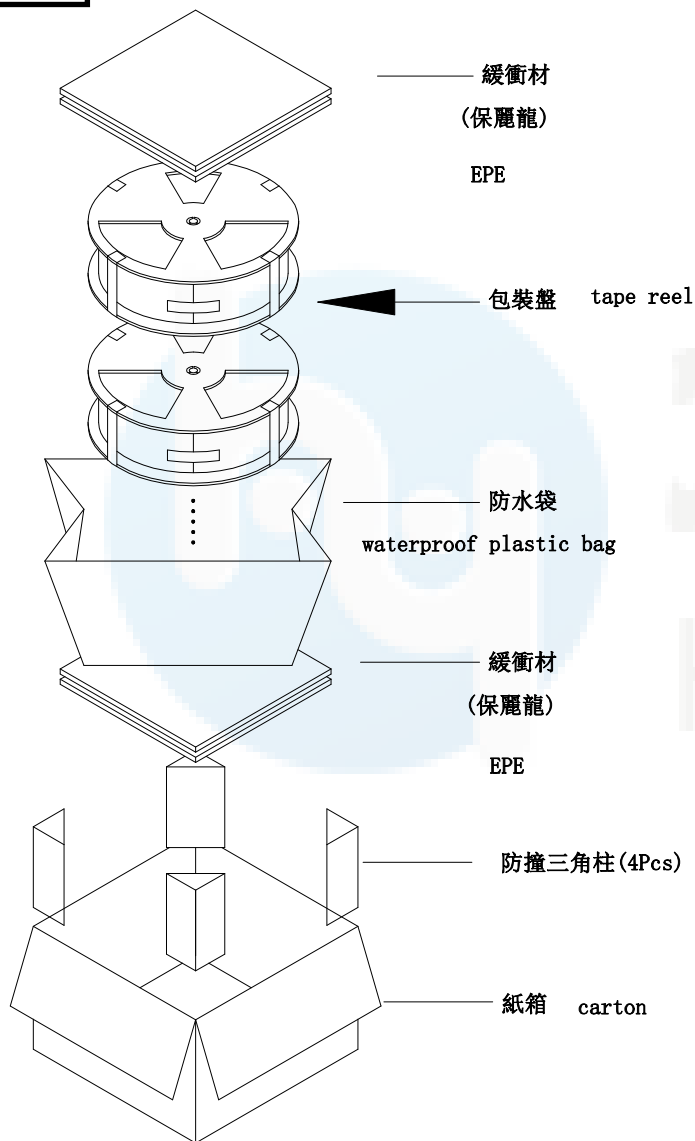


|          |               |       |               |                                                                                                                                                                                                                                      |                                |
|----------|---------------|-------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| DESIGN   | Li Jinwei     | SCALL |               | <br>TOLERANCE<br>X.X $\pm 0.30$ X. $^\circ \pm 2^\circ$<br>.XX $\pm 0.20$ .X. $^\circ \pm 1^\circ$<br>.XXX $\pm 0.10$ .XX. $^\circ \pm 0.5^\circ$ | DRAWG NO.                      |
| DRAWING  | Wu Qifa       | UNIT  | mm            |                                                                                                                                                                                                                                      | U5118-24PN2.36C7.95L           |
| CHECK    | Zheng Jinxian | SIZE  | A4: 210 * 297 |                                                                                                                                                                                                                                      | TITLE:                         |
| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |                                                                                                                                                                                                                                      | 24P 沉板2.36mm 四脚插板DIP+SMT 7.95L |

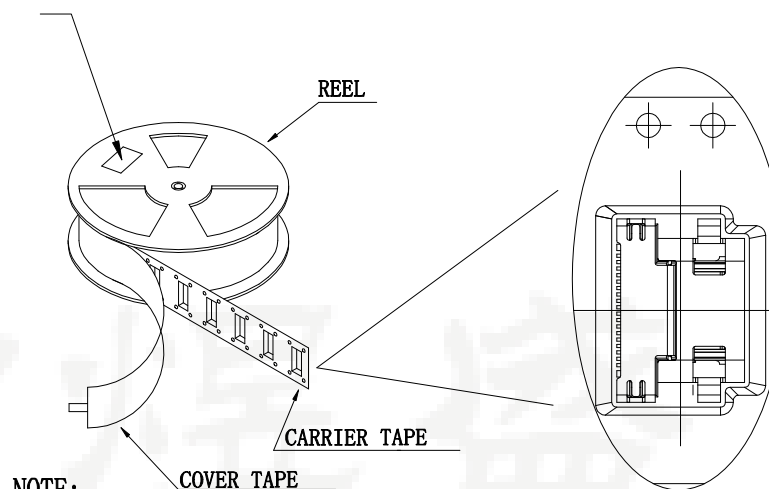


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at small positioning hole of the carrier tape side).  
標籤黏貼處 (朝捲裝包材的小定位孔一側)  
Location of label sticking (label



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.

| 產品料號<br>(PRODUCT No.) | 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 |
| U5118-24PN2.36C7.95L  | 1400                    | 8            | 11200      |                |          |          |

|          |               |       |               |
|----------|---------------|-------|---------------|
| DESIGN   | Li Jinwei     | SCALL |               |
| 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° |

|           |                                |
|-----------|--------------------------------|
| DRAWG NO. | U5118-24PN2.36C7.95L           |
| TITLE:    | 24P 沉板2.36mm 四脚插板DIP+SMT 7.95L |



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