

| REV. | DESCRIPTION | NAME | DATE |
|------|-------------|------|------|
| A    | NEWS ISSUE  |      |      |

NOTE:

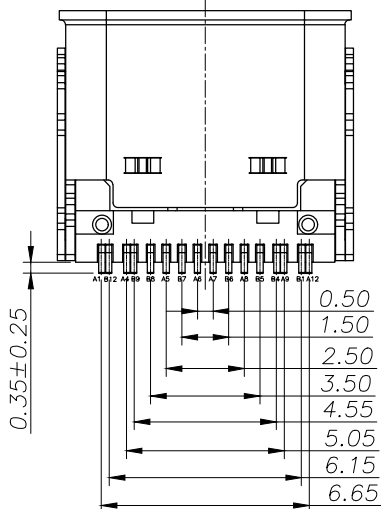
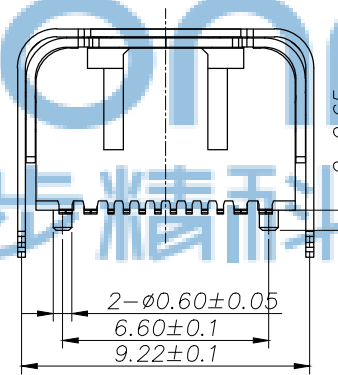
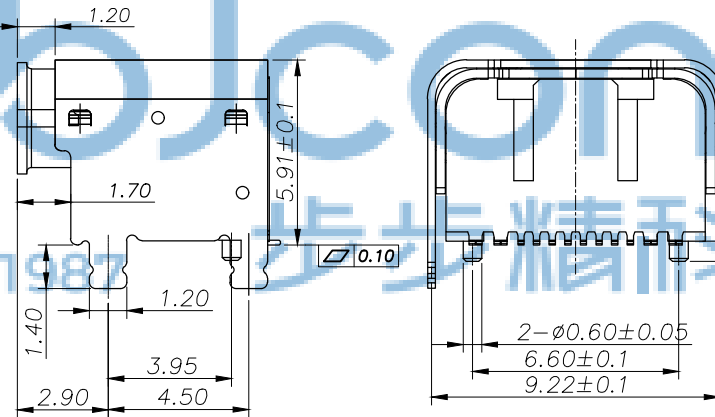
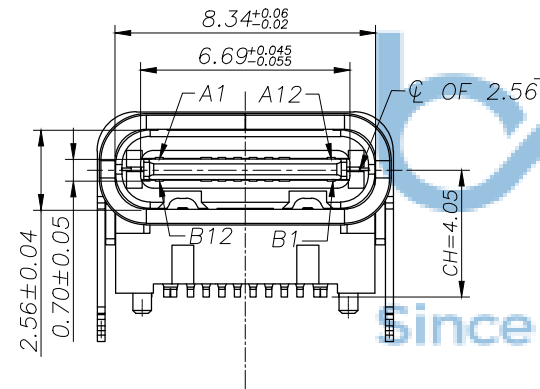
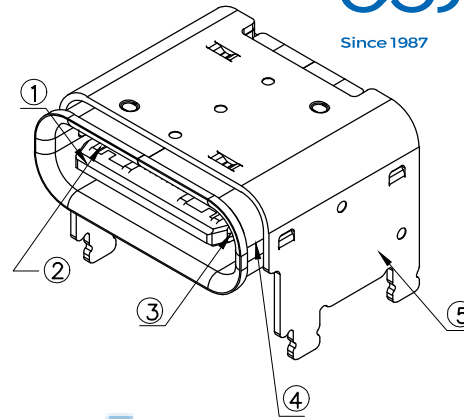
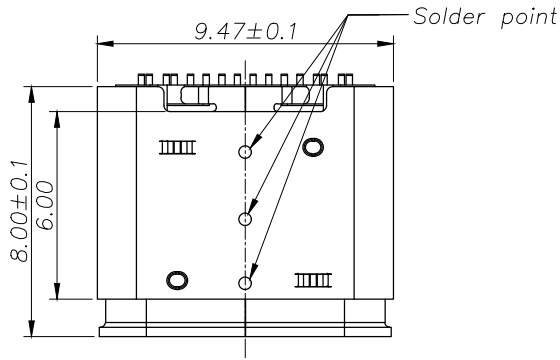
- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - INSIDE SHELL: STAINLESS STEEL
  - OUTSIDE SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS:
 

Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.  
(GOLD PLATING THICKNESS FOLLOW THE P/N)  
GOLD FLASH PLATING ON SOLDER AREA
  - INSIDE SHELL OR OUTSIDE SHELL:
 

Ni 30u" MIN. UNDER PLATED OVER ALL.
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 5A  
VOLTAGE RATING: 20V
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
  - LOW CONTACT RESISTANCE: INITIAL 40MΩ  
AFTER 50MΩ
- ENVIRONMENTAL PERFORMANCE:
 

OPERATING TEMPERATURE: -30°C~+80°C.
- IR REFLOW:
 

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



| 5   | OUTER SHELL     | SUS304 T=0.25MM | NI 40u"MIN                                                               | 1PCS |
|-----|-----------------|-----------------|--------------------------------------------------------------------------|------|
| 4   | INNER SHELL     | SUS304 T=0.30MM | NI 40u"MIN                                                               | 1PCS |
| 3   | SHIELDING PLATE | SUS301 T=0.15MM | N/A                                                                      | 1PCS |
| 2   | CONTACT         | C2680 T=0.15MM  | Mating area 1u"Au<br>Solder Tails: G/F<br>Underplate: 80u"Min Ni overall | 2SET |
| 1   | INSERT MOLDING  | LCP UL94V-0     | BLACK                                                                    | 1PCS |
| NO. | DESCRIPTION     | MATERIAL        | REMARKS                                                                  |      |

|                       |
|-----------------------|
| TOLERANCE UNSPECIFIED |
| .0 ±0.35              |
| .00 ±0.25             |
| .000 ±0.15            |
| X.° ±2.00°            |
| CUSTOMER DRAWING      |

深圳市步步精科技有限公司

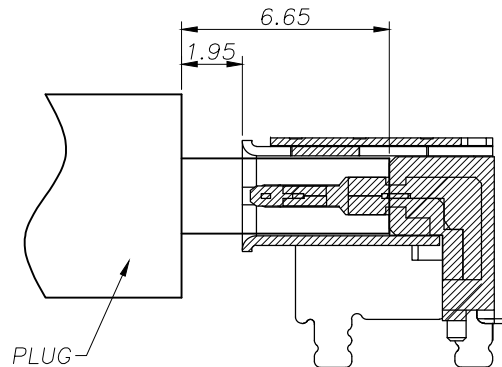
TITLE: TYPE-C 16P 母座 板上 垫高2.5mm L=8.0 CH=4.05

|               |        |            |            |                              |
|---------------|--------|------------|------------|------------------------------|
| DRAWN/DATE    | 设计 LYX | SIZE: A4   | UNIT: MM.  | PART. NO: UC. 01. 51-11-0047 |
| CHECKED/DATE  | 审核 HMY | SCALE: 1:1 | PROJECTION | REV.: A0                     |
| APPROVED/DATE | 核准 LJP | DWG. PATH  | 0100-2     | SHEET: 页码                    |

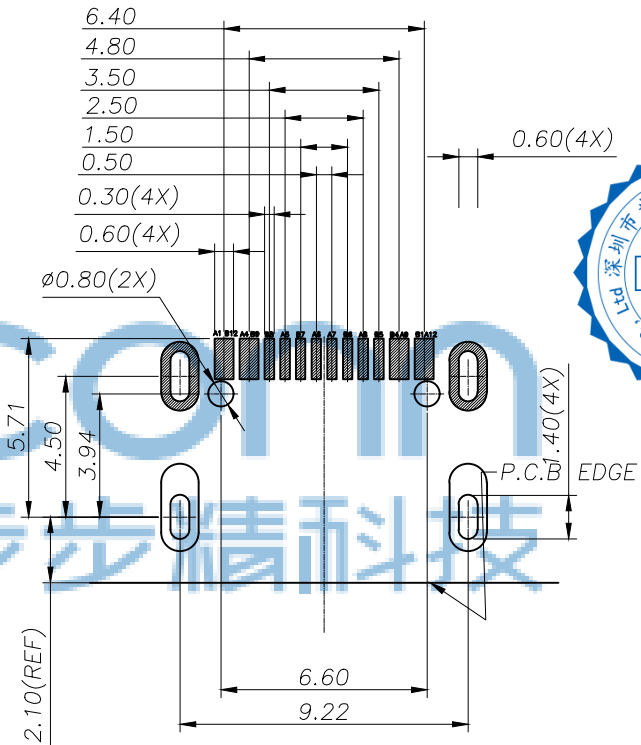
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|      |             |      |      |

# USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A12        | GND         | B1         | GND         |



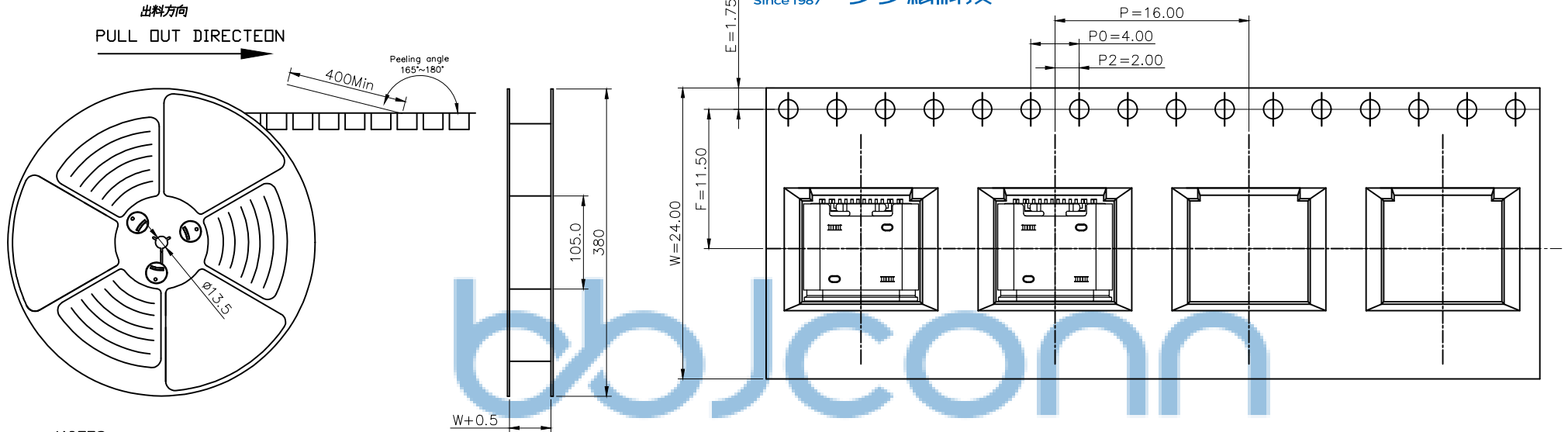
AFTER MATING  
SCALE 1:1



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

|                       |                  |  |                                               |        |                                                 |
|-----------------------|------------------|--|-----------------------------------------------|--------|-------------------------------------------------|
| TOLERANCE UNSPECIFIED |                  |  | 深圳市步步精科技有限公司                                  |        |                                                 |
| .0                    | $\pm 0.35$       |  |                                               |        |                                                 |
| .00                   | $\pm 0.25$       |  | TITLE: TYPE-C 16P 母座 板上 垫高2.5mm L=8.0 CH=4.05 |        |                                                 |
| .000                  | $\pm 0.15$       |  | DRAWN/ DATE                                   | 设计 LYX | SIZE: A4 UNIT: MM. PART. NO: UC. 01. 51-11-0047 |
| X. °                  | $\pm 2.00^\circ$ |  | CHECKED/ DATE                                 | 审核 HMY | SCALE: 1:1 PROJECTION                           |
| CUSTOMER DRAWING      |                  |  | APPROVED/ DATE                                | 核准 LJP | DWG. PATH 0100-2                                |
|                       |                  |  | REV.: A0 SHEET: 页码                            |        |                                                 |

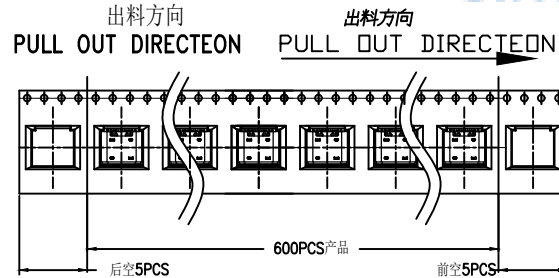
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# NOTES

## 1.帶子引導長度

### LEAD TAPE LENGTH



## 2.上帶 剥离力為: 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:

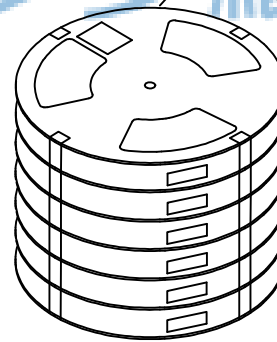
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:

卷帶在運輸過程中不能散開

PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

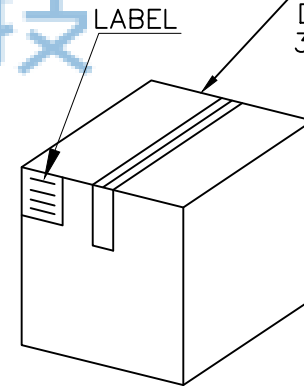


## TAPE & REEL 6 PCS



## BOX

DIMENSIONS:  
39.5X39.5X20



1 CARTON  
=6 REELS  
=3600 PCS

| 包裝明細表 (The detail of the packing) Carton |             |         |                |          |          |
|------------------------------------------|-------------|---------|----------------|----------|----------|
| 包裝容量 (Packing Capacity)                  |             |         | 重量 Weight (Kg) |          |          |
| pcs/box                                  | boxs/Carton | Pcs/Box | N.W./Pcs       | N.W./Box | G.W./Box |
| 600                                      | 6           | 3600    | ----           | ----     | ----     |

|                       |        |  |                                               |        |            |                    |
|-----------------------|--------|--|-----------------------------------------------|--------|------------|--------------------|
| TOLERANCE UNSPECIFIED |        |  | 深圳市步步精科技有限公司                                  |        |            |                    |
| .0                    | ±0.35  |  | TITLE: TYPE-C 16P 母座 板上 墊高2.5mm L=8.0 CH=4.05 |        |            |                    |
| .00                   | ±0.25  |  | DRAWN/ DATE                                   | 设计 LYX | SIZE:A4    | UNIT:MM.           |
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| CUSTOMER DRAWING      |        |  | DWG. PATH                                     |        | 0100-2     |                    |
|                       |        |  |                                               |        | REV.: A0   |                    |
|                       |        |  |                                               |        | SHEET: 页码  |                    |