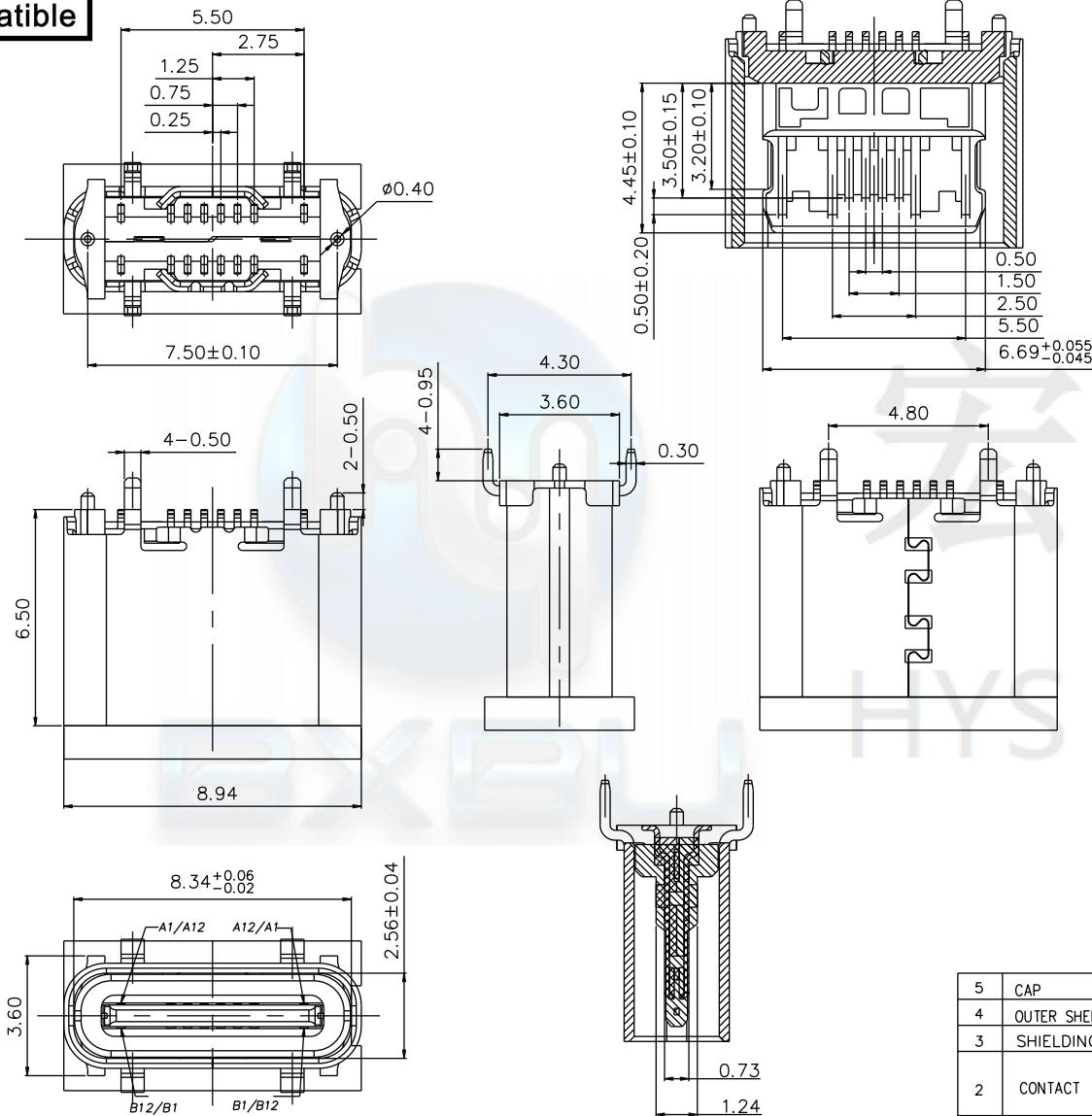


ROHS  
Compatible



NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  - 2.CONTACTS:COPPER ALLOY
  - 3.MID PLATE: STAINLESS STEEL
  - 4.SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
  - 2-1.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
  - 2-2. SHELL:  
Ni 30u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
  - 3-1.INSERTION FORCE: 0.5~2.0kgf.
  - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
  - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
  - 4-1. CURRENT RATING:5A  
VOLTAGE RATING:20V
  - 4-2.INSULATION RESISTANCE: 100MΩ MIN
  - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
  - 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ, AFTER 50mΩ.
5. ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -30℃~+80℃.  
THE PEAK TEMPERATURE ON THE BOARD SHALL
- 6.IR REFLOW:  
BE MAINTAINED FOR 10 SECONDS AT 260℃.

U5 104- 16P x 6.5L  
↓ ↓ ↓ ↓ ↓  
名称 流水号 PIN位 N;母座 L;长度

|     |                 |                 |                                                                          |      |
|-----|-----------------|-----------------|--------------------------------------------------------------------------|------|
| 5   | CAP             | LCP UL94V-0     | BLACK                                                                    | 1PCS |
| 4   | OUTER SHELL     | SUS304 T=0.30MM | NI 30u"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: 50u"Min Ni overall | 2SET |
| 1   | INSERT MOLDING  | LCP UL94V-0     | BLACK                                                                    | 1PCS |
| NO. | DESCRIPTION     | MATERIAL        | REMARKS                                                                  |      |

|          |               |       |               |
|----------|---------------|-------|---------------|
| DESIGN   | Li Jinwei     | SCALL |               |
| DRAWING  | Wu Qifa       | UNIT  | mm            |
| CHECK    | Zheng Jinxian | SIZE  | A4: 210 * 297 |
| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |

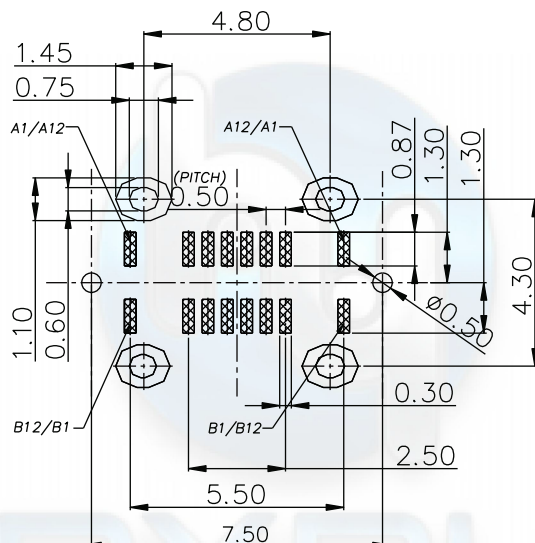
| TOLERANCE |       |           |
|-----------|-------|-----------|
| X.X       | ±0.30 | X.°±2°    |
| .XX       | ±0.20 | .X°±1°    |
| .XXX      | ±0.10 | .XX°±0.5° |

|           |                       |
|-----------|-----------------------|
| DRAWG NO. | U5104-16PN6.5L        |
| TITLE:    | 16P 立式四脚插板SMT 带柱 6.5L |

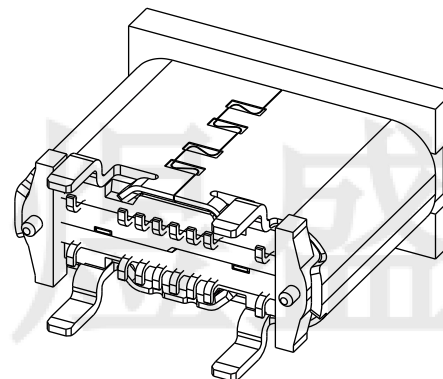


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ROHS  
Compatible



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$



#### USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME |
|------------|-------------|
| A1         | GND         |
| A4         | VBUS        |
| A5         | CC1         |
| A6         | Dp1         |
| A7         | Dn1         |
| A8         | SBU1        |
| A9         | VBUS        |
| A12        | GND         |

| PIN NUMBER | SIGNAL NAME |
|------------|-------------|
| B12        | GND         |
| B9         | VBUS        |
| B8         | SBU2        |
| B7         | Dn2         |
| B6         | Dp2         |
| B5         | CC2         |
| B4         | VBUS        |
| B1         | GND         |

|          |               |       |               |
|----------|---------------|-------|---------------|
| DESIGN   | Li Jinwei     | SCALL |               |
| DRAWING  | Wu Qifa       | UNIT  | mm            |
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| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |

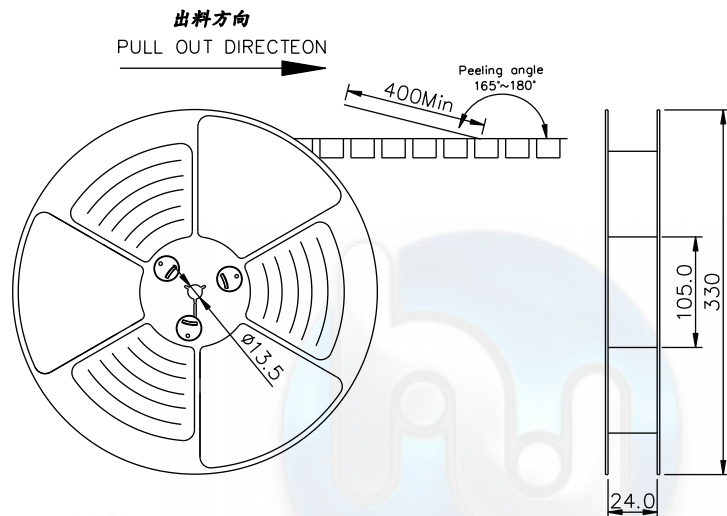
| TOLERANCE       |                      |
|-----------------|----------------------|
| X.X $\pm 0.30$  | X.° $\pm 2^\circ$    |
| .XX $\pm 0.20$  | .X° $\pm 1^\circ$    |
| .XXX $\pm 0.10$ | .XX° $\pm 0.5^\circ$ |

|           |                       |
|-----------|-----------------------|
| DRAWG NO. | U5104-16PN6.5L        |
| TITLE:    | 16P 立式四脚插板SMT 带柱 6.5L |



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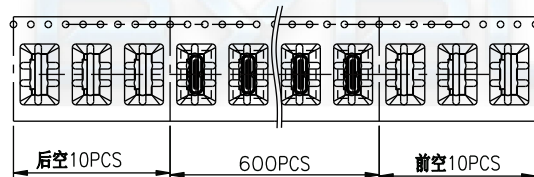


NOTES

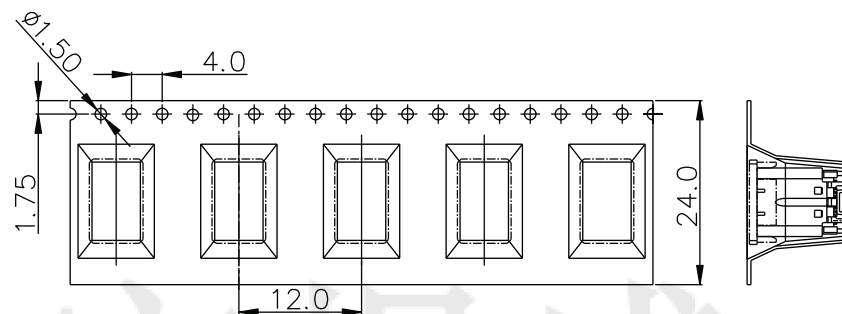
1.帶子引導長度  
LEAD TAPE LENGTH

出料方向  
PULL OUT DIRECTEON

出料方向  
PULL OUT DIRECTEON



2.上帶剝力為：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 10 PCS

1 REEL  
= 600 PCS

BOX

DIMENSIONS:  
33.5X33.5X30.5

LABEL

1 CARTON  
=10 REELS  
=6000 PCS

包裝明細表 (The detail of the packing)

| 產品料號<br>(Product No.) | 包裝容量 (Packing Capacity) |              |         | 重量 Weight (Kg) |          |          |
|-----------------------|-------------------------|--------------|---------|----------------|----------|----------|
|                       | pcs/box                 | boxes/Carton | Pcs/Box | N.W./Pcs       | N.W./Box | G.W./Box |
| U5104-16PN6.5L        | 600                     | 10           | 6000    | —              | —        | —        |

DRAWG NO.

U5104-16PN6.5L

TITLE:

16P 立式四脚插板SMT 帶柱 6.5L



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| TOLERANCE  |           |
|------------|-----------|
| X.X ±0.30  | X.°±2°    |
| .XX ±0.20  | .X° ±1°   |
| .XXX ±0.10 | .XX°±0.5° |