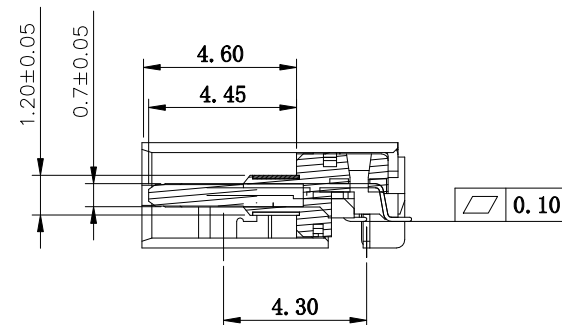
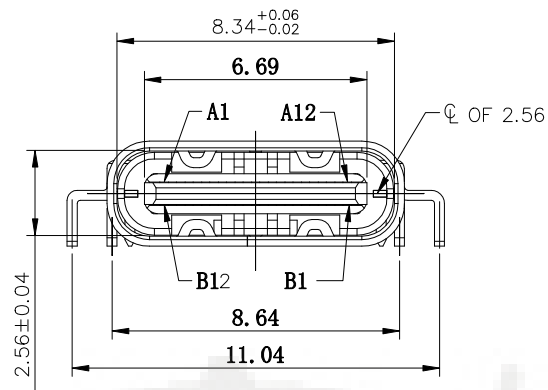
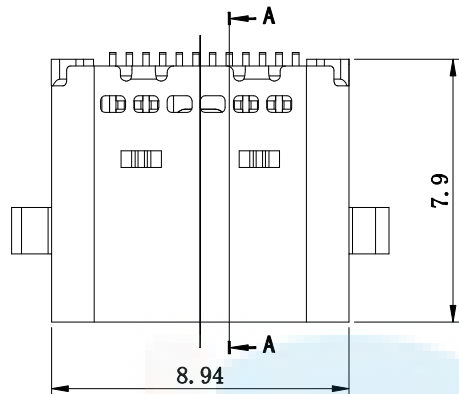
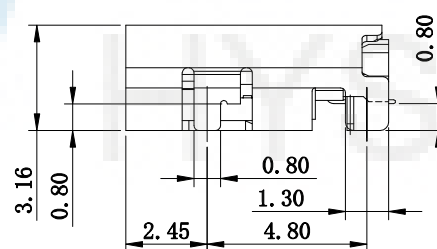
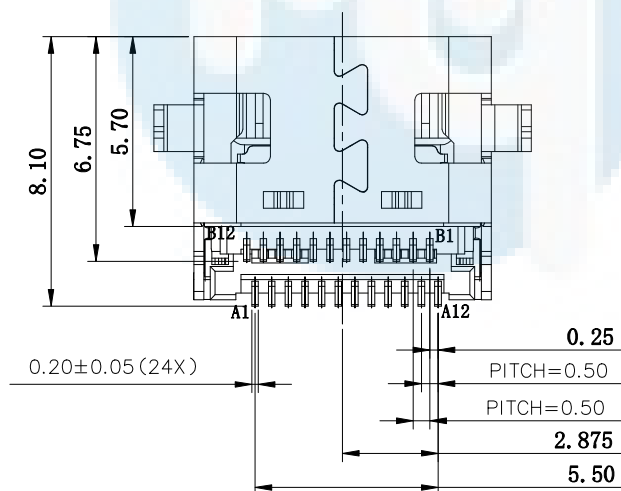




SECTION: A-A

USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME      | PIN NUMBER | SIGNAL NAME      |
|------------|------------------|------------|------------------|
| A1         | GND              | B12        | GND              |
| A2         | SSTXp1           | B11        | SSRXp1           |
| A3         | SSTXn1           | B10        | SSRXn1           |
| A4         | V <sub>BUS</sub> | B9         | V <sub>BUS</sub> |
| A5         | CC1              | B8         | SBU2             |
| A6         | Dp1              | B7         | Dn2              |
| A7         | Dn1              | B6         | Dp2              |
| A8         | SBU1             | B5         | CC2              |
| A9         | V <sub>BUS</sub> | B4         | V <sub>BUS</sub> |
| A10        | SSRXn2           | B3         | SSTXn2           |
| A11        | SSRXp2           | B2         | SSTXp2           |
| A12        | GND              | B1         | GND              |



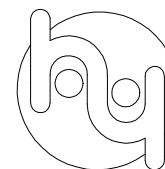
|          |           |       |            |                                                                                       |
|----------|-----------|-------|------------|---------------------------------------------------------------------------------------|
| DESIGN   | Li Jinwei | SCALL |            | <br>TOLERANCE<br>X.X ± 0.30 X.° ± 2°<br>.X ± 0.20 X.° ± 1°<br>.XXX ± 0.10 XXX° ± 0.5° |
| DRAWING  | Hu Lilin  | UNIT  | mm         |                                                                                       |
| CHECK    | Ke Tao    | SIZE  | A4:210*297 |                                                                                       |
| APPROVAL | Zhang Hui | DATE  | 2020-03-25 |                                                                                       |

DRAWG NO:

TYPE-C-CDS24P080

TITLE:

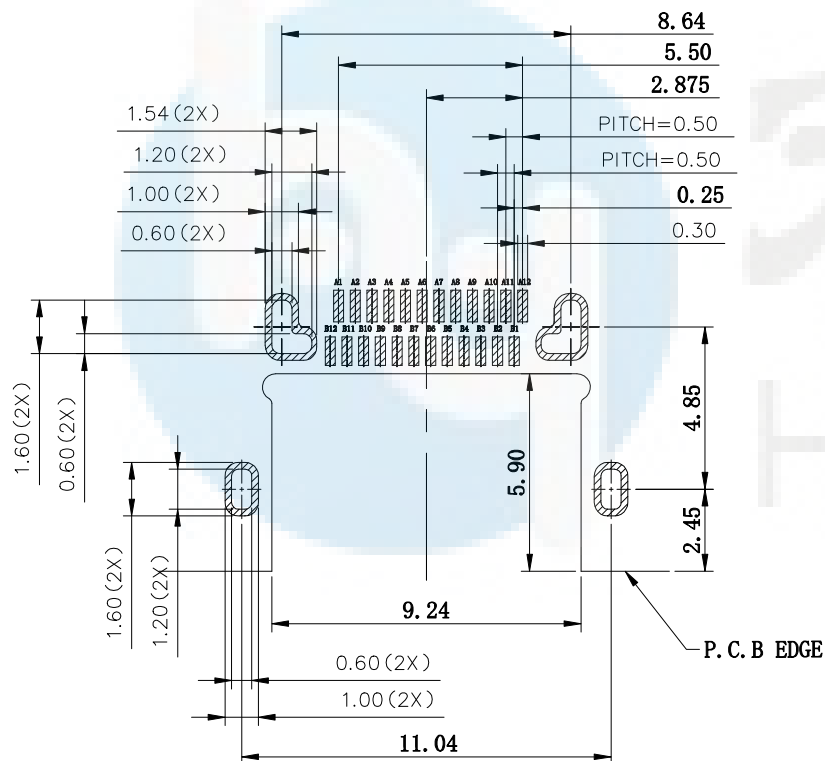
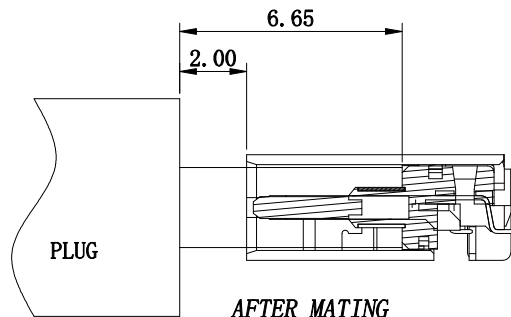
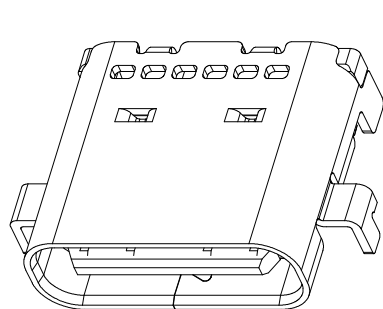
24P沉板0.8四脚插板SMT 7.9L



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TEL:0769-81230179 <https://www.hystypec.com>



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.60MM;DEFAULT TOLERANCE:  $\pm 0.05$

NOTE:

1. MATERIAL SPECIFICATION:

1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
2. CONTACTS: COPPER ALLOY
3. MID PLATE: STAINLESS STEEL
4. FRONT SHELL: STAINLESS STEEL
5. EMI PLATE: 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)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2. FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3. MID PLATE&EMI PLATE:

CLEAR ONLY

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: 5.0A

VOLTAGE RATING: 5.0V

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ /PIN MAX.

SHIELD: 50mΩ /MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3. INSULATION RESISTANCE: 100MΩ MIN

4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

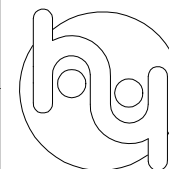
5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25° C~+85° C.

6. IR REFLOW:

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

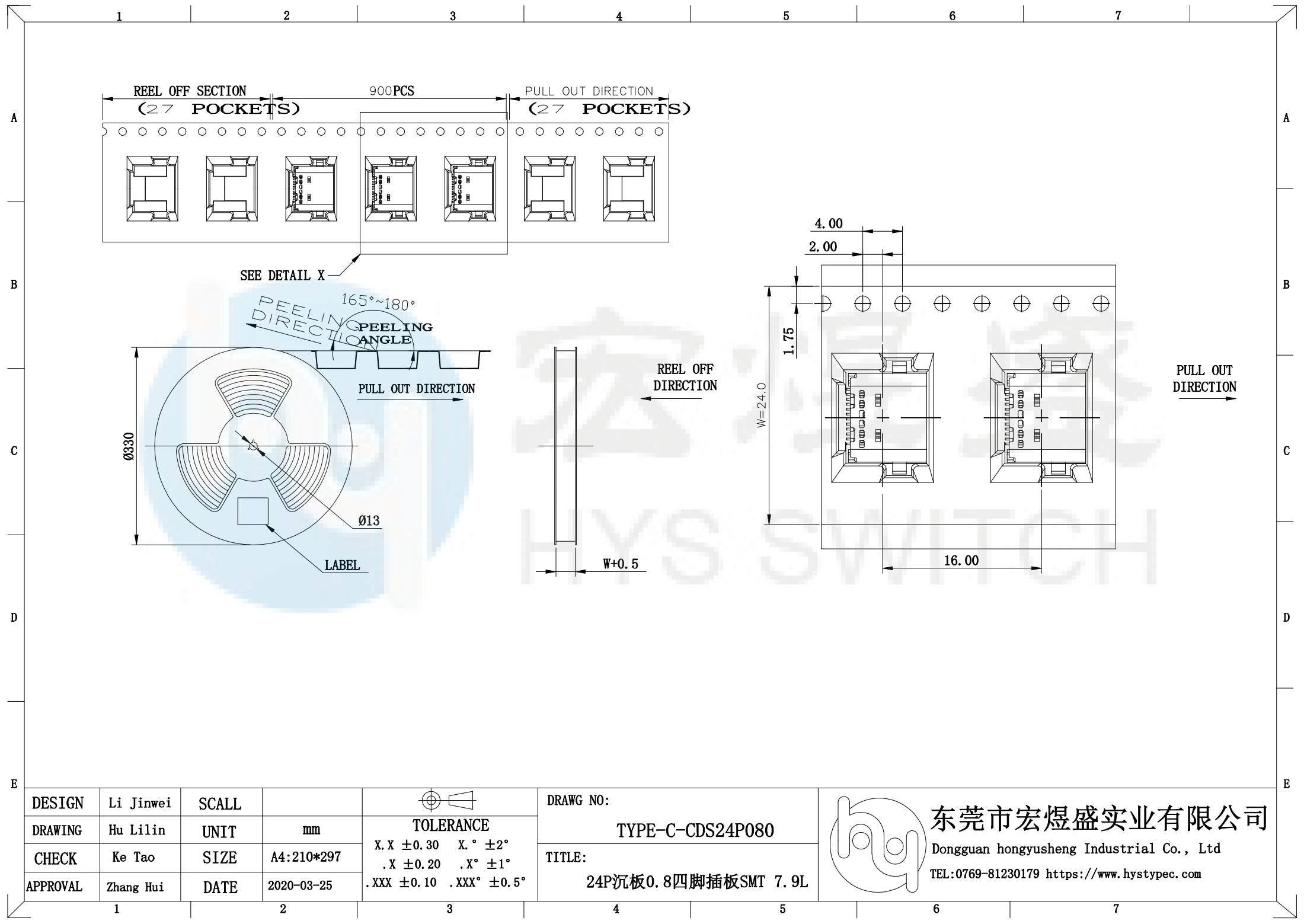
|          |           |       |            |                                       |                      |
|----------|-----------|-------|------------|---------------------------------------|----------------------|
| DESIGN   | Li Jinwei | SCALL |            |                                       | DRAWG NO:            |
| DRAWING  | Hu Lilin  | UNIT  | mm         | TOLERANCE                             | TYPE-C-CDS24P080     |
| CHECK    | Ke Tao    | SIZE  | A4:210*297 | X.X $\pm 0.30$ X.° $\pm 2^\circ$      | TITLE:               |
| APPROVAL | Zhang Hui | DATE  | 2020-03-25 | .X $\pm 0.20$ .X° $\pm 1^\circ$       | 24P沉板0.8四脚插板SMT 7.9L |
|          |           |       |            | .XXX $\pm 0.10$ .XXX° $\pm 0.5^\circ$ |                      |



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|          |           |       |            |                                                                                                                                                                     |
|----------|-----------|-------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DESIGN   | Li Jinwei | SCALL |            | <br>TOLERANCE<br>X.X ±0.30 X.° ±2°<br>.X ±0.20 .X° ±1°<br>.XXX ±0.10 .XXX° ±0.5° |
| DRAWING  | Hu Lilin  | UNIT  | mm         |                                                                                                                                                                     |
| CHECK    | Ke Tao    | SIZE  | A4:210*297 |                                                                                                                                                                     |
| APPROVAL | Zhang Hui | DATE  | 2020-03-25 |                                                                                                                                                                     |

|           |                      |
|-----------|----------------------|
| DRAWG NO: | TYPE-C-CDS24P080     |
| TITLE:    | 24P沉板0.8四脚插板SMT 7.9L |



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