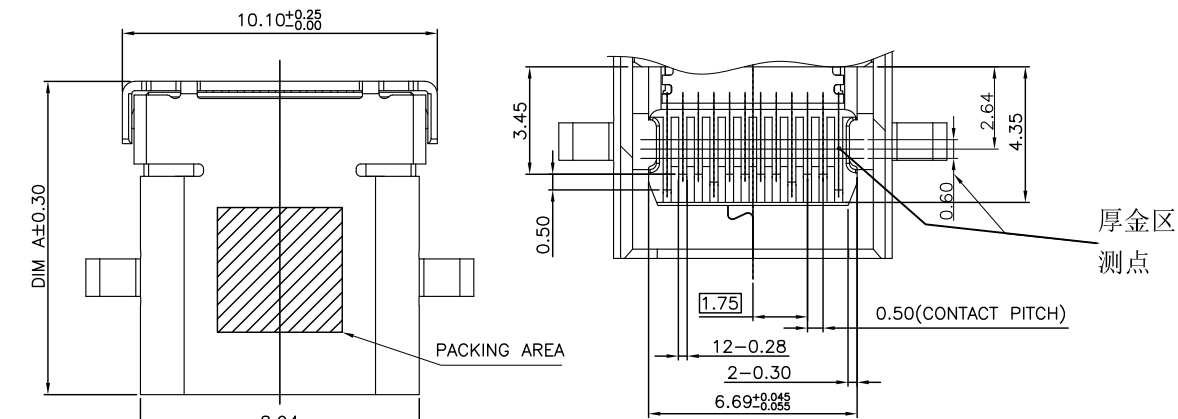
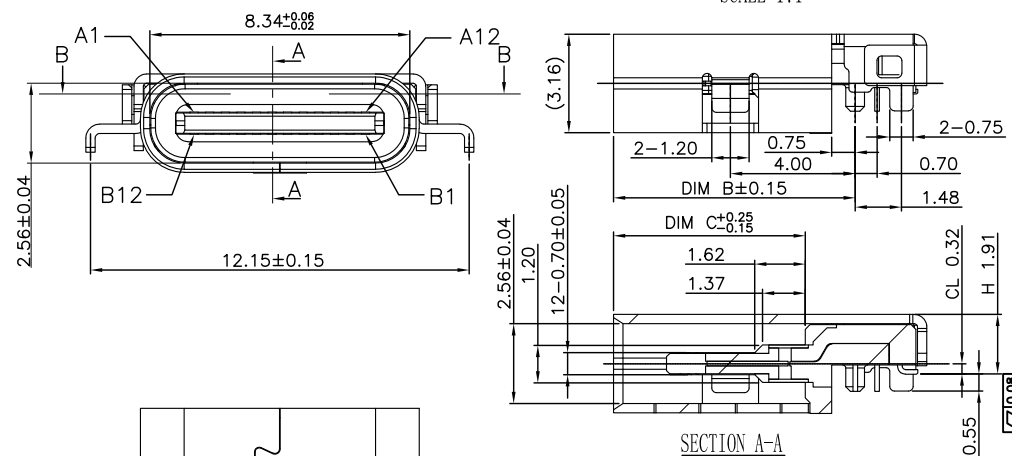




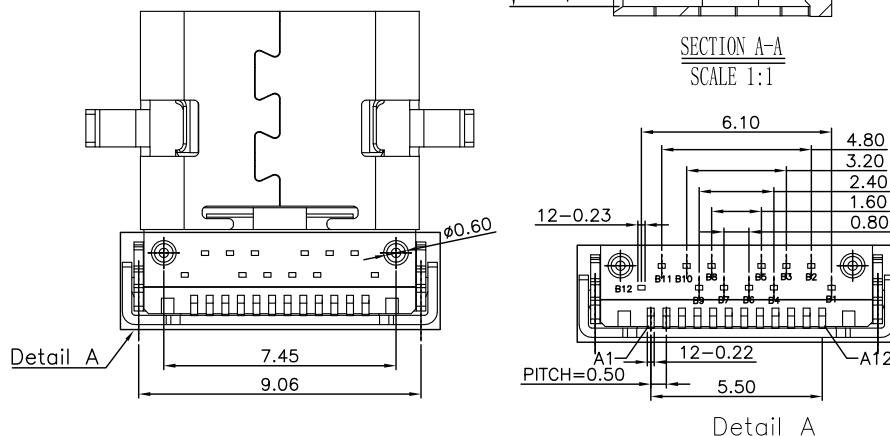
| NO | DIM A | DIM B | DIM C |
|----|-------|-------|-------|
| 1  | 10.0  | 7.75  | 6.2   |
| 2  | 8.65  | 6.4   | 4.85  |

SECTION B-B  
SCALE 1:1

- NOTES: 1.MATERIAL:  
MOLDING: LCP UL94 V-0  
CONTACT: COPPER ALLOY.  
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.  
SHILD: SUS304-H,T=0.12±0.03mm
- 2.MECHANICAL:  
INSERTION: 5~20N.  
EXTRACTION: 8~20N.  
DURABILITY: 10000 CYCLES
- 3.ELECTRICAL:  
CURRENT: 5A MAX FOR VBUS;  
1.25A FOR GND, 0.25A FOR OTHER 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

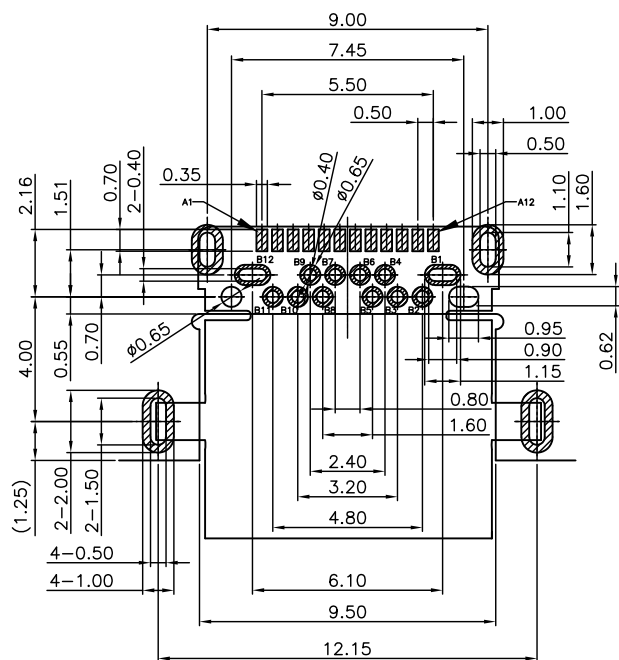
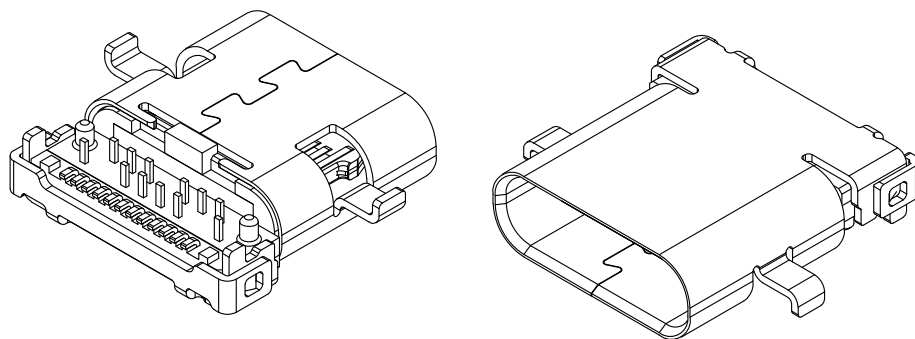


SECTION A-A  
SCALE 1:1



深圳市华宇创精密电子有限公司

|                                                                           |                    |                      |                                      |
|---------------------------------------------------------------------------|--------------------|----------------------|--------------------------------------|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X' ±0.5" | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:<br>USB TYPE C 母座沉板DIP+SMT |
|                                                                           | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYCW125-USBC24-XXXB      |
| <br>UNIT: mm [inch]<br>SCALE: 1:1 SIZE: A4                                | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | MOLD NO.                             |
|                                                                           |                    |                      | DRAW NO:<br>HYC-2211142301           |
|                                                                           |                    |                      | SHEET NO.<br>1 OF 1                  |



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                                             |



深圳市华宇创精密电子有限公司

|                                                                                                                                                                                                                  |          |                        |                          |                                          |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|--------------------------|------------------------------------------|--------|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br><br>X.* ±2°    X.X' ±0.5'                                                                                                                                |          | DRAWN BY :<br><br>陈一鸣  | DATE :<br><br>2014-02-23 | PART NAME:<br><br>USB TYPE C 母座沉板DIP+SMT |        |
| <div></div> <div>UNIT: mm [inch]</div> |          | CHECKED BY:<br><br>马跃  | DATE :<br><br>2014-02-23 | PART NO.<br><br>HYCW125-USBC24-XXXB      |        |
|                                                                                                                                                                                                                  |          | APPROVED BY:<br><br>邱敏 | DATE :<br><br>2014-02-23 | MOLD NO.                                 |        |
|                                                                                                                                                                                                                  |          |                        |                          | DRAW NO:<br><br>HYC-2211142301           |        |
| SCALE:1:1                                                                                                                                                                                                        | SIZE: A4 |                        |                          | SHEET NO.                                | 1 OF 1 |