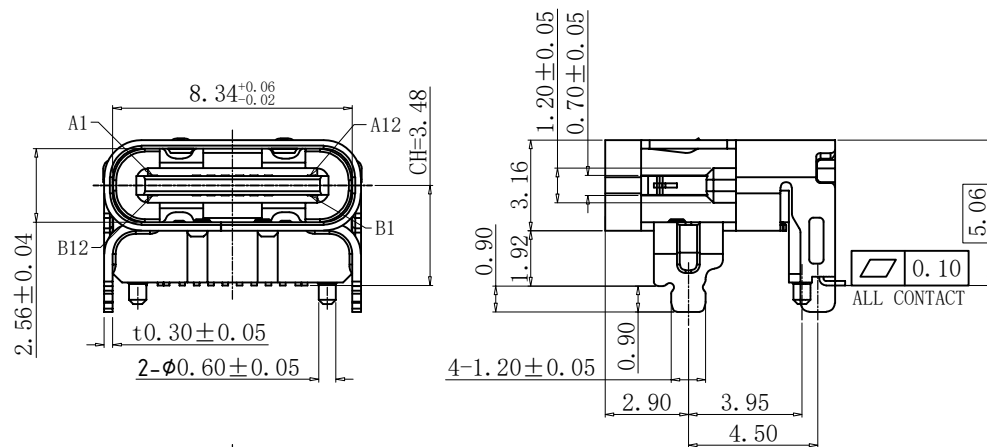


## NOTES:

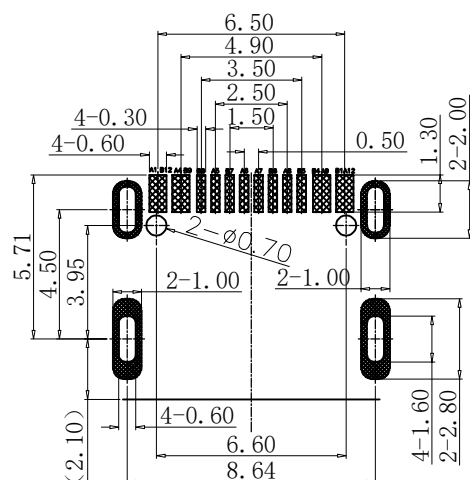
- Material & Finish: See the list;
- Mechanical:
  - Mating force: 5-20Nf;
  - Unmating force: Initial: 8-20Nf; Final: 6-20Nf;
  - Durability: 10000 Cycles;
- Electrical:
  - Current Rating:
    - Vbus Pins: 5A, Vconn Pin: 1.25A, Other Pins: 0.25A;
  - Voltage Rating: 20V Max;
  - Withstanding voltage: 100V AC R.M.S;
  - Contact resistance: 40mΩ Max.;
  - Insulation Resistance: 100MΩ Min.;
- Environmental:
  - Operating temperature: -35° C ~ +85° C;
  - Salt Spray Test: 48H Min. (No oxidation or rust);
  - Wetting Temperature: 265±5° C, 5±0.5s

| NO. | PART NAME    | Q'TY | MATERIAL                            | FINISH                                                                                                  |
|-----|--------------|------|-------------------------------------|---------------------------------------------------------------------------------------------------------|
| 5   | Shell        | 1    | STAINLESS STEEL, T=0.30mm           | 50u"Ni Min.                                                                                             |
| 4   | Middle Clip  | 1    | STAINLESS STEEL, T=0.15mm           | No Plating                                                                                              |
| 3   | Down Contact | 8    | COPPER ALLOY, T=0.15mm              | Mating area: Au G/F&3u"~&15u"~&30u"Min,<br>Solder Tails: Sn 100u"Min,<br>Underplate: 50u"Min Ni overall |
| 2   | Top Contact  | 8    | COPPER ALLOY, T=0.15mm              |                                                                                                         |
| 1   | Housing      | 1    | HIGH TEMPERATURE PLASTIC, UL 94 V-0 | Black, White, Blue, Yellow, Orange                                                                      |



深圳市华宇创精密电子有限公司

|                                                                                                                                |                     |               |                                 |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------|---------------------------------|
| <b>TOLERANCE:</b><br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X' ±0.5"<br><br>UNIT: mm [inch]<br>SCALE: 1:1 SIZE: A4 | <b>DRAWN BY :</b>   | <b>DATE :</b> | <b>PART NAME:</b>               |
|                                                                                                                                | 陈一鸣                 | 2014-02-23    | USB TYPE C 16P 板上SMT 垫高1.9 L8.0 |
|                                                                                                                                | <b>CHECKED BY:</b>  | <b>DATE :</b> | <b>PART NO.</b>                 |
|                                                                                                                                | 马跃                  | 2014-02-23    | HYCW788-USBC16-190B             |
|                                                                                                                                | <b>APPROVED BY:</b> | <b>DATE :</b> | <b>MOLD NO.</b>                 |
|                                                                                                                                | 邱敏                  | 2014-02-23    |                                 |
|                                                                                                                                |                     |               | <b>DRAW NO:</b>                 |
|                                                                                                                                |                     |               | HYC-2609290857                  |
|                                                                                                                                |                     |               | <b>SHEET NO.</b>                |
|                                                                                                                                |                     |               | 1 OF 1                          |



RECOMMENDED P.C.B. LAYOUT (T: 0.80mm)  
 TOLERANCE UNSPECIFIED ±0.05mm

