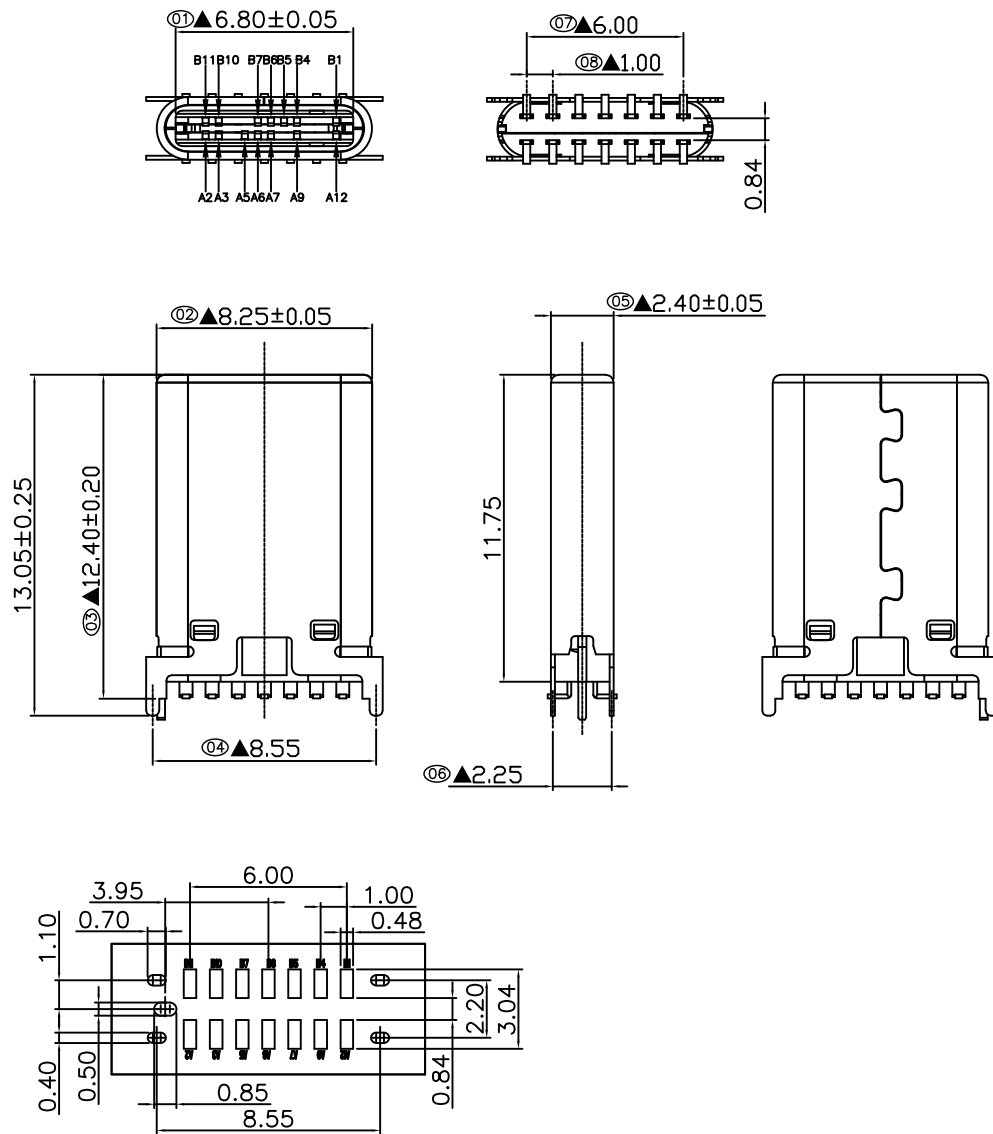




RECOMMENDED PCB LAYOUT  
PCB THICKNESS 0.8mm  
GENERAL TOLERANCE  $\pm 0.05$

## NOTES:

1. CURRENT RATING:  
3.0A MAX.
2. DIELECTRIC WITHSTAND VOLTAGE:  
100VAC.
3. TEMPERATURE RANGE:  
 $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$ .
4. CONTACT RESISTANCE:  
40 MILLIONHM MAX.
5. INSULATION RESISTANCE:  
100 MEGOHMS MIN.
6. INSERTION FORCE :  
5N~20N.
7. UNMATING FORCE:  
8N~20N.
8. DURABILITY:  
10,000 CYCLES.
9. ALL PRODUCTS COMPLY WITH RoHS  
ENVIRONMENTAL REQUIREMENTS.
- 10: MARK "▼" AS THE FOCUS,  
FIRST ITEM INSPECTION.
- 11: MARK "⊗" TO MEASURE DIMENSIONS  
FOR FAI.

|      |      |     |    |    |      |      |    |    |     |     |     |
|------|------|-----|----|----|------|------|----|----|-----|-----|-----|
| A1   | A2   | A3  | A4 | A5 | A6   | A7   | A8 | A9 | A10 | A11 | A12 |
| TX1+ | TX1- | CC1 | D+ | D- | VBUS |      |    |    |     |     | GND |
| RX1+ | RX1- |     | D- | D+ | CC2  | VBUS |    |    |     |     | GND |
| B12  | B11  | B10 | B9 | B8 | B7   | B6   | B5 | B4 | B3  | B2  | B1  |

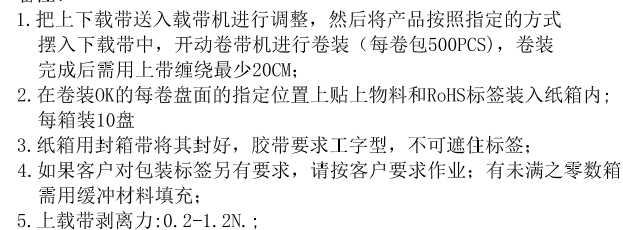
TABLE:

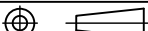
|     |             |            |                           |                                                                |
|-----|-------------|------------|---------------------------|----------------------------------------------------------------|
| P/N | INSERT MOLD | SHELL      | Stainless Steel,T=0.15mm; | Ni:50u"Min                                                     |
|     |             | LATCH      | Stainless Steel,T=0.3mm;  | Electroplated semi-nickel<br>matte tin;50u"Min;                |
|     |             | EMC SPRING | Stainless Steel,T=0.10mm  | -----                                                          |
|     |             | CONTACT    | Copper Alloy,T=0.15mm     | Ni:50u"Min;<br>Au:CONTACT AREA:1u",<br>Solder AREA:Sn 50-100u" |
|     |             | PLASTIC    | LCP(G.F30%) BLACK.        | -----                                                          |
| P/N | PART NAME   | MATERIALS  |                           | FINISH                                                         |



深圳市华宇创精密电子有限公司

|                                                                                                                   |                    |                      |                                                             |                     |
|-------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|-------------------------------------------------------------|---------------------|
| TOLERANCE:<br>X.X $\pm 0.30$<br>X.XX $\pm 0.25$<br>X.XXX $\pm 0.15$<br>X." $\pm 2^{\circ}$ X.X" $\pm 0.5^{\circ}$ | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME: USB TYPE C 公座14P (7+7P)<br>铆合壳 Gen3.0立贴带接地 卡钩有防呆 |                     |
|                                                                                                                   | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYC678-USBC14-130                               | MOLD NO.            |
| <br>UNIT: mm [inch]<br>SCALE:1:1 SIZE: A4                                                                         | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | DRAW NO:<br>HYC-2601071657                                  | SHEET NO.<br>1 OF 1 |



|                                                                                                                              |  |                           |  |
|------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|
|  <div> <h1>深圳市华宇创精密电子有限公司</h1> </div>   |  |                           |  |
| <b>TOLERANCE:</b><br>X.X $\pm 0.30$<br>X.XX $\pm 0.25$<br>X.XXX $\pm 0.15$<br><br>X.* $\pm 2^{\circ}$ X.X* $\pm 0.5^{\circ}$ |  | <b>DRAWN BY :</b><br>陈一鸣  |  |
| <br>UNIT: mm [inch]                     |  | <b>CHECKED BY:</b><br>马跃  |  |
|                                                                                                                              |  | <b>APPROVED BY:</b><br>邱敏 |  |
| SCALE: 1:1    SIZE: A4                                                                                                       |  | DATE : 2014-02-23         |  |
|                                                                                                                              |  | PART NAME: 包装图            |  |
|                                                                                                                              |  |                           |  |
|                                                                                                                              |  | PART NO.                  |  |
|                                                                                                                              |  | MOLD NO.                  |  |
|                                                                                                                              |  | DRAW NO:                  |  |
|                                                                                                                              |  | SHEET NO. 1 OF 1          |  |