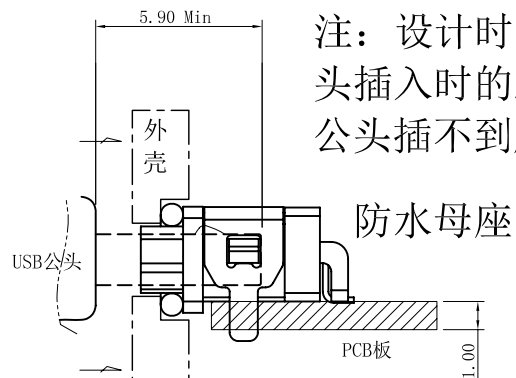
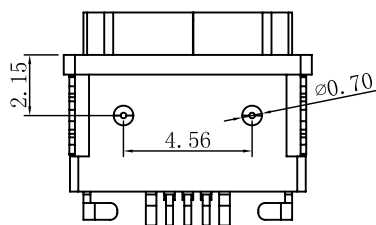
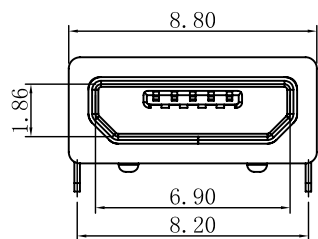
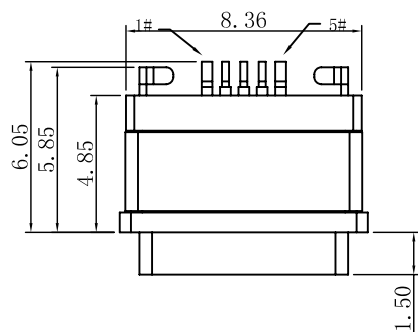
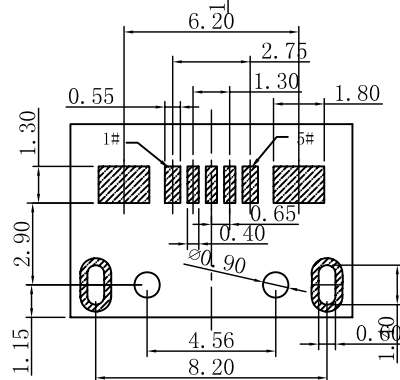
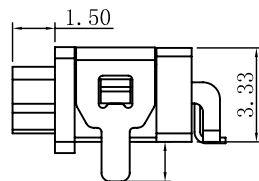




组装示意图

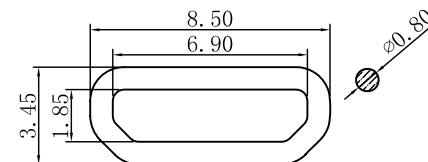


RECOMMENDED PCB LAYOUT (TOP VIEW)

THICKNESS T=1.0mm  
DEFAULT TOLERANCE+/-0.05

注：设计时，请注意公头插入时的距离，防止公头插不到底。

防水母座



注：防水圈是圆形截面，直径为0.8mm的硅胶圈  
防水圈挤压力，由0.8mm挤压到0.4mm ~ 0.5mm，防水效果好

## SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
  - RATING: 3A (PIN1&5), 0.5A (PIN2&3&4);
  - CONTACT RESISTANCE: 30 mΩ MAX. (INITIAL);
  - DIELECTRIC WITHSTANDING: 500V AC MIN.;
  - INSULATION RESISTANCE: 1000MΩ MIN.;
- DURABILITY: 5,000 CYCLES MIN.;
- INSERTION FORCE: 3.5Kgf (35N) Max.;
- EXTRACTION FORCE: 0.8Kgf (8N) Min.;
- WATER PROOFNESS: THIS PRODUCT IS BASED ON IPX8
- PLUG INTERFACE DIMENSIONS CONFORM TO USB2.0 SPEC.
- PACKAGING: TAPE & REEL.



| Contact Number | Signal Name | Remarks          |
|----------------|-------------|------------------|
| 1#             | VBUS        | Power            |
| 2#             | D-          | Date-            |
| 3#             | D+          | Date+            |
| 4#             | ID          | Reserve or Gound |
| 5#             | GND         | Gound            |

|      |          |       |                                                  |      |
|------|----------|-------|--------------------------------------------------|------|
| 3    | Shell    | 1     | SUS304R-1/2H Ni PlatingT=0.25mm                  |      |
| 2    | Contact  | 5     | Phosphor bronze C5191R-EH Au/Ni Plating T=0.20mm |      |
| 1    | Housing  | 1     | PA10T (G.F30%)                                   |      |
| ITEM | PARTNAME | Q' TY | FINISH                                           | NOTE |



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|                                                                                                                                                                                                                                                   |  |                        |                          |                                              |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--------------------------|----------------------------------------------|---------------------|
| 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>MICRO USB B口 5P带防水胶圈 长头前插后 |                     |
| <div></div> <div>UNIT: mm [inch]</div> <div>SCALE:1:1    SIZE: A4</div> |  | CHECKED BY:<br><br>马跃  | DATE :<br><br>2014-02-23 | PART NO.                                     | HYCW240-USBD05-333B |
|                                                                                                                                                                                                                                                   |  | APPROVED BY:<br><br>邱敏 | DATE :<br><br>2014-02-23 | MOLD NO.                                     |                     |
|                                                                                                                                                                                                                                                   |  |                        |                          | DRAW NO:                                     | HYC-USB19092418     |
|                                                                                                                                                                                                                                                   |  |                        |                          | SHEET NO.                                    | 1 OF 1              |