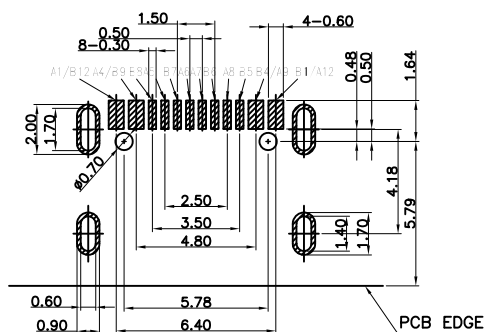
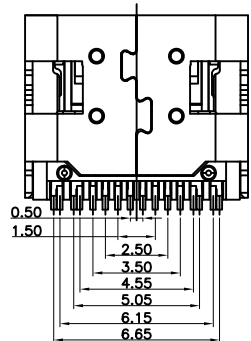
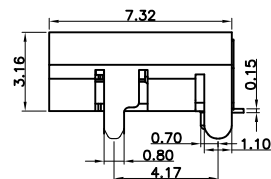
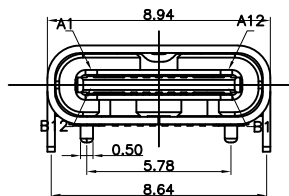
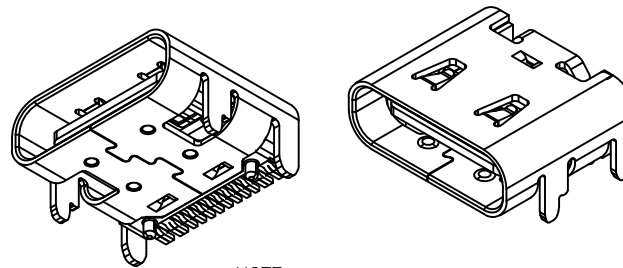


AFTER MATING



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

|     |      |     |      |
|-----|------|-----|------|
| A1  | GND  | B12 | GND  |
| A2  |      | B11 |      |
| A3  |      | B10 |      |
| A4  | VBUS | B9  | VBUS |
| A5  | CC1  | B8  | SBU2 |
| A6  | DP1  | B7  | DN2  |
| A7  | DN1  | B6  | DP2  |
| A8  | SBU1 | B5  | CC5  |
| A9  | VBUS | B4  | VBUS |
| A10 |      | B3  |      |
| A11 |      | B2  |      |
| A12 | GND  | B1  | GND  |



## NOTE:

备注:

## 1. MATERIAL SPECIFICATION:

1. 材料规格:

1-1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.

1-1. 胶芯材料: 高温塑胶, 防火等级 UL94 V-0

1-2. TERMINAL: COPPER ALLOY

1-2. 端子材料: 铜合金

1-3. FRONT SHELL: STAINLESS STEEL

1-3. 外壳材料: 不锈钢

1-4. MID PLATE: STAINLESS STEEL

1-4. 中夹片: 不锈钢

## 2. PLATING SPECIFICATION:

2. 电镀规格:

2-1. TERMINAL:

2-1. 端子:

Ni 30-50u" MIN. UNDER PLATED OVER ALL.

镀镍底 30-50u" MIN.

Au PLATED 0.5~1u" OVER Ni

表面刷金 0.5~1u"

2-2. FRONT SHELL:

2-2. 外壳:

Ni 30-50u" MIN. PLATED OVER ALL.

镀镍底 30-50u" MIN.

## 3. MECHANICAL PERFORMANCE:

3. 机械性能:

3-1. INSERTION FORCE: 0.5~2.0kgf.

3-1. 插入力: 0.5~2.0kgf.

3-2. REMOVAL FORCE: 0.6kgf~2.0kgf.

3-2. 拔出力: 0.6kgf~2.0kgf.

3-3. DURABILITY: 10000 CYCLES.

3-3. 插拔寿命: 10000次.

## 4. ELECTRICAL PERFORMANCE:

4. 电气性能:

4-1. VOLTAGE RATING: 20V DC/AC

4-1. 额定电压: 20V DC/AC

CURRENT RATING: 5A

额定电流: 5.0A

4-2. LLC: 50mΩ/PIN MAX.

4-2. 接触阻抗: 50mΩ/PIN MAX.

4-3. INSULATION RESISTANCE: 100MΩ MIN

4-3. 绝缘阻抗: 100MΩ MIN

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

4-4. 耐电压: AC 100V FOR 1 MINUTE.

## 5. ENVIRONMENTAL PERFORMANCE:

5. 环境特性:

OPERATING TEMPERATURE: -25°C~+85°C.

工作温度: -25°C~+85°C.



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TOLERANCE:

X.X  $\pm 0.30$ X.XX  $\pm 0.25$ X.XXX  $\pm 0.15$ X'  $\pm 2'$  X.X'  $\pm 0.5'$ 

UNIT: mm [inch]

SCALE: 1:1 SIZE: A4

DRAWN BY:

陈一鸣

DATE:

2014-02-23

PART NAME:

USB TYPE C 母座 16P 板上型 SMT 带弹

CHECKED BY:

马跃

DATE:

2014-02-23

PART NO.

HYCW566-USBC16-732B

APPROVED BY:

邱敏

DATE:

2014-02-23

DRAW NO:

HYC-2409231422

SHEET NO.

1 OF 1