



| REV | DESCRIPTION | DATE       | APPROVED |
|-----|-------------|------------|----------|
| A   | 新板发行        | 2023.05.05 | HHM      |

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 30u" MIN. UNDER PLATED OVER ALL.

镀镍底 30u" MIN.

Au PLATED Golden Flash OVER Ni

表面刷金 Golden Flash

2-2.FRONT SHELL:

2-2.外壳:

Ni 30u" MIN. PLATED OVER ALL.

镀镍底 30u" 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: 48V DC/AC

4-1.额定电压: 48V DC/AC

CURRENT RATING: 5A

额定电流: 5.0A

4-2. LLCR: 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.

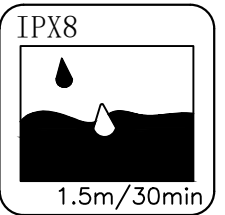
4-4.耐电压: AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

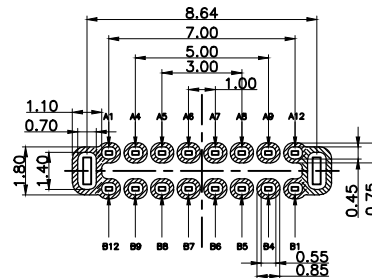
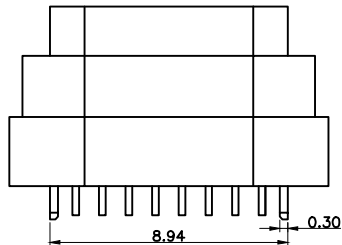
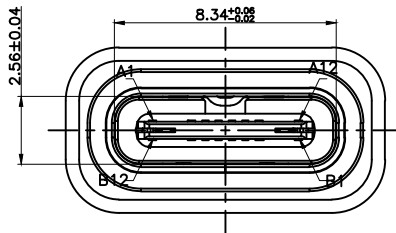
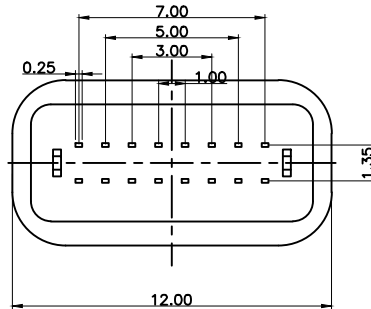
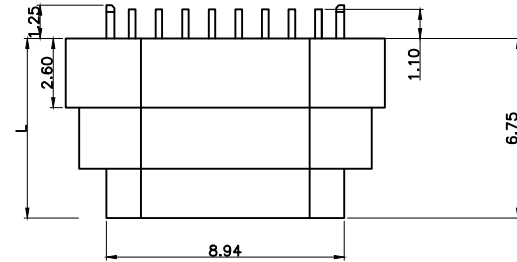
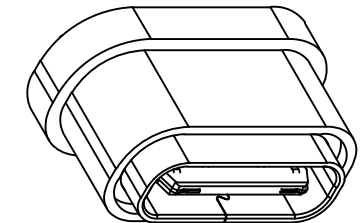
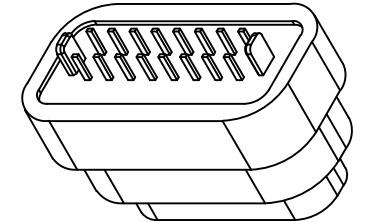
5.环境特性:

OPERATING TEMPERATURE: -25°C~+85°C.

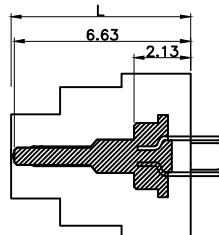
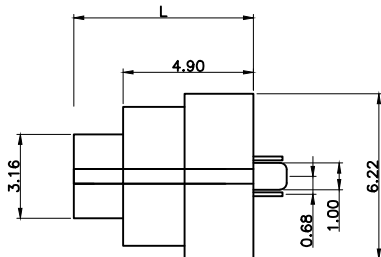
工作温度: -25°C~+85°C.



不带防水圈



RECOMMENDED P.C.B LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

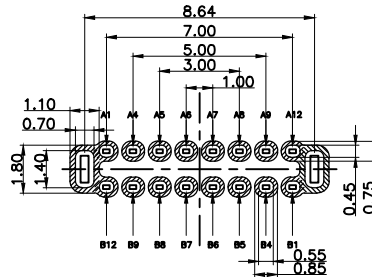
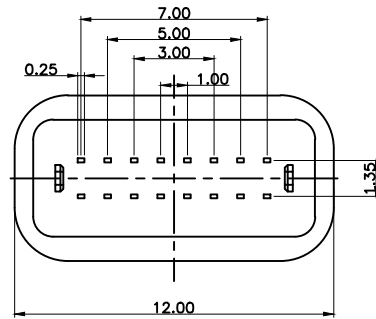
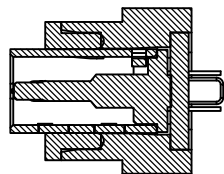
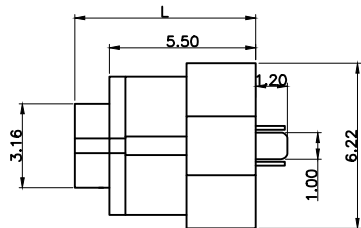
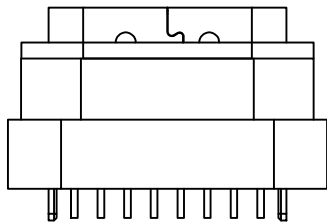
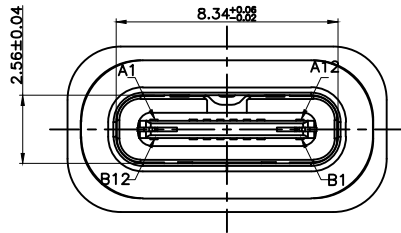
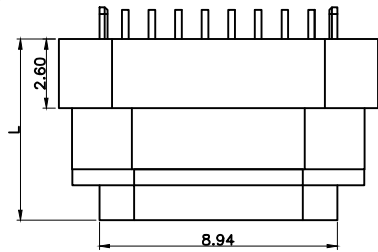


|     |      |     |      |
|-----|------|-----|------|
| A1  | GND  | B12 | GND  |
| A2  |      | B11 |      |
| A3  |      | B10 |      |
| A4  | VBUS | B9  | VBUS |
| A5  | CC1  | B8  | SBU2 |
| A6  | DP1  | B7  | DN2  |
| A7  | DN1  | B6  | DP2  |
| A8  | SBU1 | B5  | CC2  |
| A9  | VBUS | B4  | VBUS |
| A10 |      | B3  |      |
| A11 |      | B2  |      |
| A12 | GND  | B1  | GND  |

| CUSTOMER DRAWING  |       |        |
|-------------------|-------|--------|
| UNITS             | SCALE | SHEET  |
| mm                | 1:1   | 1 OF 3 |
| PROJECTION:       |       | DRAW:  |
|                   |       | DAP    |
| GENERAL TOLERANCE |       | CHECK: |
| .000 ±0.02        |       | HWT    |
| .00 ±0.10         |       | APPD:  |
| .0 ±0.20          |       | HHM    |
| .0 ±2°            |       |        |
| .00 ±1°           |       |        |

|                                                 |           |           |
|-------------------------------------------------|-----------|-----------|
| 铭创科技（东莞）有限公司                                    |           |           |
| Mingchuang Technology (Dongguan) Co., Ltd       |           |           |
| TITLE                                           |           |           |
| 防水TYPE C母座16PIN 立式两脚插板DIP<br>L=7.3 三模 带中夹片 IPX8 |           |           |
| MAT'L                                           | SEE TABLE | FINISH    |
|                                                 |           | SEE TABLE |
| DWG. NO.                                        | A01W1606A | PART NO.  |
|                                                 |           | SIZE      |
|                                                 |           | A4        |

L=7.30



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

L=7.30

带防水圈

|     |      |     |      |
|-----|------|-----|------|
| 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  | CC2  |
| A9  | VBUS | B4  | VBUS |
| A10 |      | B3  |      |
| A11 |      | B2  |      |
| A12 | GND  | B1  | GND  |

| REV | DESCRIPTION | DATE       | APPROVED |
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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 30u" MIN. UNDER PLATED OVER ALL.

镀镍底 30u" MIN.

Au PLATED Golden Flash OVER Ni

表面刷金 Golden Flash

2-2.FRONT SHELL:

2-2.外壳:

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镀镍底 30u" 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: 48V DC/AC

4-1. 额定电压: 48V DC/AC

CURRENT RATING: 5A

额定电流: 5.0A

4-2. LLCR: 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.

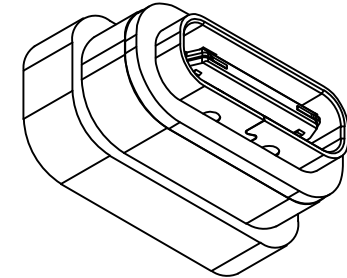
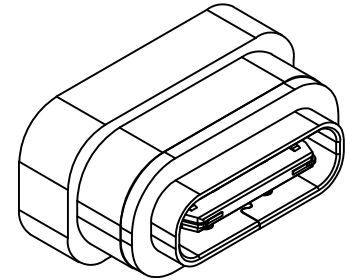
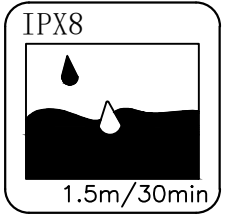
4-4. 耐电压: AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

5. 环境特性:

OPERATING TEMPERATURE: -25°C~+85°C.

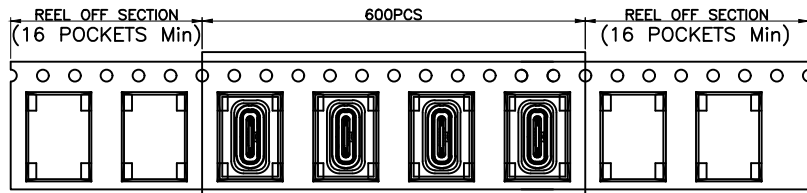
工作温度: -25°C~+85°C.



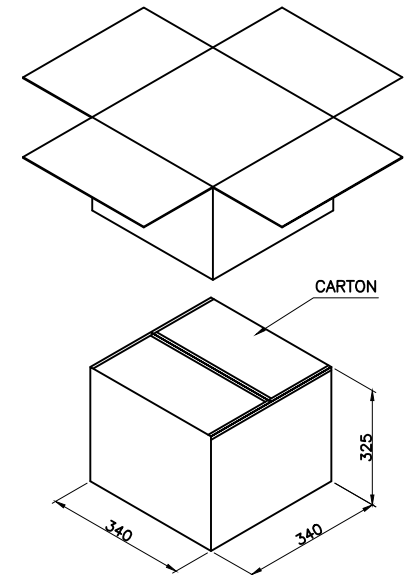
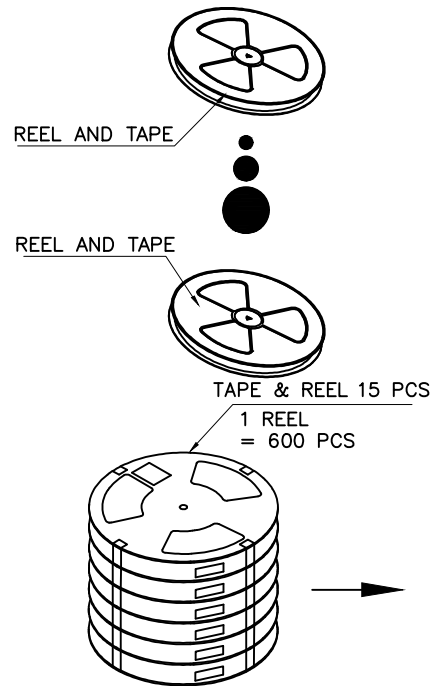
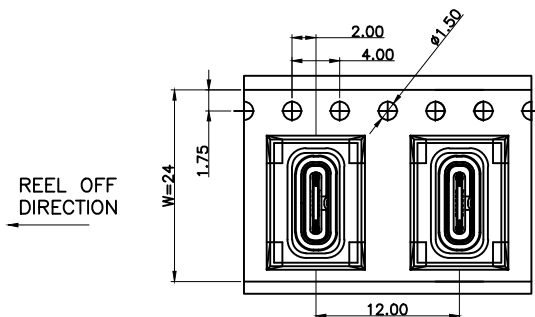
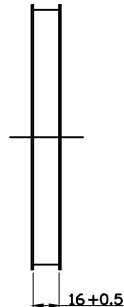
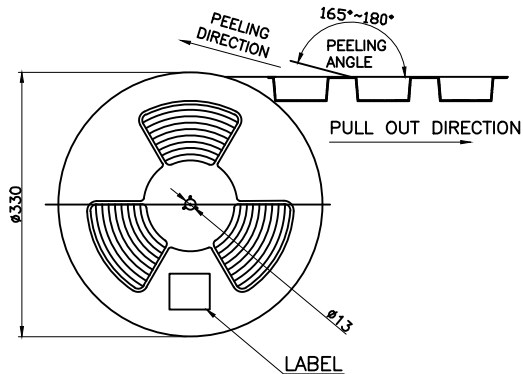
| CUSTOMER DRAWING  |  |        | 铭创科技(东莞)有限公司                              |  |  |
|-------------------|--|--------|-------------------------------------------|--|--|
| UNITS             |  | SCALE  | Mingchuang Technology (Dongguan) Co., Ltd |  |  |
| mm                |  | 1:1    | TITLE                                     |  |  |
| PROJECTION:       |  | SHEET  | 防水TYPE C母座16PIN 立式两脚插板DIP                 |  |  |
|                   |  | 2 OF 3 | L=7.3 三模 带中夹片 IPX8                        |  |  |
| GENERAL TOLERANCE |  | DRAW:  | MAT'L                                     |  |  |
|                   |  | DAP    | SEE TABLE                                 |  |  |
|                   |  | CHECK: | FINISH                                    |  |  |
|                   |  | HWT    | SEE TABLE                                 |  |  |
|                   |  | APPD:  | DWG. NO.                                  |  |  |
|                   |  | HHM    | A01W1606A                                 |  |  |
|                   |  |        | PART NO.                                  |  |  |
|                   |  |        | SIZE                                      |  |  |
|                   |  |        | A4                                        |  |  |



| REV | DESCRIPTION | DATE         | APPROVED |
|-----|-------------|--------------|----------|
| A   | 新板发行        | 2023. 05. 05 | HHM      |



SEE DETAIL X



| CUSTOMER DRAWING                                                              |               |                 |
|-------------------------------------------------------------------------------|---------------|-----------------|
| UNITS<br>mm                                                                   | SCALE<br>1:1  | SHEET<br>3 OF 3 |
| PROJECTION:<br>                                                               | DRAW:<br>DAP  |                 |
| GENERAL TOLERANCE<br>.000 ±0.02<br>.00 ±0.10<br>.0 ±0.20<br>.0 ±2°<br>.00 ±1° | CHECK:<br>HWT |                 |
|                                                                               | APPD:<br>HHM  |                 |

|                                                           | REEL                | CARTON     |
|-----------------------------------------------------------|---------------------|------------|
| CONNECTOR (PCS)                                           | 600                 | 6000       |
| 铭创科技（东莞）有限公司<br>Mingchuang Technology (Dongguan) Co., Ltd |                     |            |
| TITLE<br>防水TYPE C母座16PIN 立式两脚插板DIP<br>L=7.3 三模 带中夹片 IPX8  |                     |            |
| MAT'L<br>SEE TABLE                                        | FINISH<br>SEE TABLE |            |
| DWG. NO.<br>A01W1606A                                     | PART NO.<br>_____   | SIZE<br>A4 |