



NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS:
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
    - (GOLD PLATING THICKNESS FOLLOW THE P/N)
    - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - FRONT SHELL: SEE TABLE 1.
  - SHIELD PLATE & EMI PLATE: CLEAR ONLY
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 3.0A  
VOLTAGE RATING: 5.0V
  - LLCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PIN ASSIGNMENTS

| A5  | CC1         | B12 | GND         |
|-----|-------------|-----|-------------|
| A9  | VBUS        | B9  | VBUS        |
| A12 | GND         | B5  | CC2         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

|   |         |
|---|---------|
| L | L = 7.4 |
| L | L = 6.8 |
| L | L = 6.5 |

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

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|  |                     |                      |   |
|--|---------------------|----------------------|---|
| TOLERANCE:<br>XXX ±0.30<br>X.XX ±0.20<br>X.XXX ±0.10<br>X.X ±0.05<br>X.XX ±0.10<br>X.X ±0.05 | DRAWN BY :<br>刘志强   | DATE :<br>2015.08.18 | PART NAME:<br>TYPE-C6P四脚插板1.6.5-6.8-7.4 |
| UNIT: mm [inch]<br>SCALE: 1:1 SIZE: A4   | CHECKED BY:<br>李文毅  | DATE :<br>2015.08.18 | PART NO.<br>SEE TABLE                   |
|  | APPROVED BY:<br>张少辉 | DATE :<br>2015.08.18 | DRAW NO.:<br>ZDJNKJ00000012             |
|  |                     |                      | SHEET NO.:<br>1 OF 1                    |