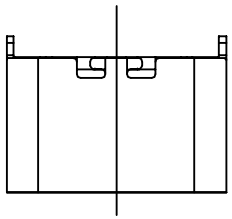
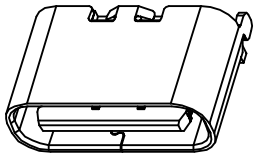
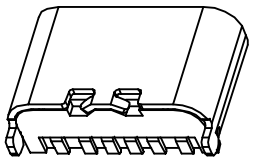
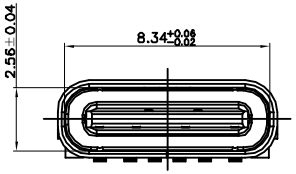
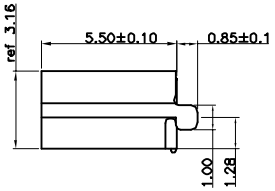
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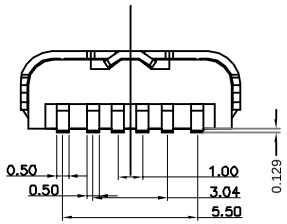


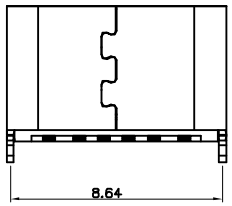


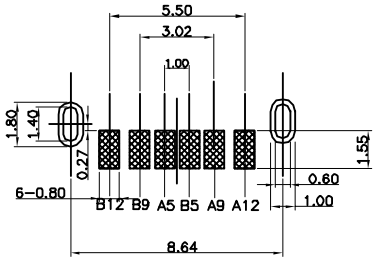





RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

NOTE:

1.MATERIAL SPECIFICATION:
 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 2.CONTACTS:COPPER ALLOY
 3.MID PLATE: STAINLESS STEEL
 4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:
 2-1.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
 2-2.FRONT SHELL:
  SEE TABLE1.
 2-3.SHIELD PLATE&EMI PLATE:
  CLEAR ONLY

3.MECHANICAL PERFORMANCE,
 3-1.INSERTION FORCE: 0.5~2.0kgf.
 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 3-3.DURABILITY: 5000 CYCLES.

4.ELECTRICAL PERFORMANCE,
 4-1. CURRENT RATING:3.0A
  VOLTAGE RATING:5.0V
 4-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD: 50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 4-3.INSULATION RESISTANCE: 100MΩ MIN
 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.

6.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 |

| | | | |
|---|---|---|---|
| 深圳市万骏达电子有限公司 http://www.wanjunda.com | | 图号(DWG NO) | 单位(UNIT): MM |
| | | 版本(REV) | 比例(SCALE) 1:1 |
| 品名(ITEM NO) | TYPE-C 6PIN立式5.5贴板SMT | 日期(DATE) | |
| 料号(PART NO) | | 设计(DESIGN) | 未注公差 TOLERANCE UNSPECIFIED |
| 模号(MODEL NO) | | 审核(CHECKED) | X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.10<br>X° ±5°<br>X.X° ±2° |
| | | 核准(APPROVED) | |

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