



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:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
  - 2-3. MID 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: 10000 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.

料号对照表

No.	料号	品名规格
1	USB-CF-SMT-007-HB	端子半成品: Au:3u"LCP 黑色
單位 UNIT	mm	☒ Inspection Item
比例 SCALE	1:1	☐ Cp/Cpk and SPC Control Item
張數 SHEET	1/3	TOLERANCE UNLESS OTHERWISE SPECIFIED
製圖 DRAWING	Phil Wu	.X ±0.25 X* ±3.0°
版本 REV.	NEW ISSUE	.XX ±0.15 X* ±2.0°
	設變內容 MODIFICATION	.XXX ±0.10 .XX* ±1.0°
	日期 DATE	圖號 DWG NO.
	修改 DRAW	名稱 TITLE
	核準 APPROVE	角法 PROJ.
	審核 CHECKED	客户图

東莞	廣東	中國
18.04.16	Phil Wu	Lion Yu
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**Goldconn** 東莞高端精密電子股份有限公司  
GOLDCONN PRECISION ELECTRONICS CO.,LTD

圖號: USB-CF-SMT-007-HB

名稱: USB TYPE C FEMALE  
16PIN SMT SINKO.80

角法: 客户图