

REV.	NOTES	DATE
A	RELEASED	2014/05/29
B	變更端子針腳形狀 	2015/04/08

SATA CONTACT Finish: (C2680-H)
 NICKEL50u" UNDERPLATED OVER ALL,
 LEAD FREE TIN 100u" ALLOY PLATING
 ON SOLDER AREA,
 1u"GOLD PLATING ON CONTACT AREA

USB CONTACT Finish: (C5191-H)
 NICKEL50u" UNDERPLATED OVER ALL,
 LEAD FREE TIN 100u" ALLOY PLATING
 ON SOLDER AREA,
 1u"GOLD PLATING ON CONTACT AREA

NOTES:

- SATA IS BASED ON SATA STANDARD SPECIFICATION;
 USB IS BASED ON SATA STANDARD SPECIFICATION;
- DIMENSIONS ARE IN MILLIMETERS
- SATA SPECIFICATION
 - ELECTRICAL CHARACTER:
 - CONTACT CURRENT RATING:1.5Amps MAX PER PIN.
 - CONTACT VOLTAGE RATING:30V MAX.
 - CONTACT RESISTANCE:30Milliohms MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE:500Vrms AC.
 - INSULATION RESISTANCE:1000Megohms.
 - MECHANICAL CHARACTER:
 - CONTACTOR MATING FORCE:4.0Kgf MAX.
 - CONTACTOR UNMATING FORCE:1.0Kgf MIN.
 - DURABILITY:500 CYCLES.
 - OPERATING TEMPERATURE:-55°C TO +105°C
- USB SPECIFICATION
 - ELECTRICAL CHARACTER:
 - CONTACT CURRENT RATING:1.5Amps MAX.
 - VOLTAGE RATING:30V MAX.
 - CONTACT RESISTANCE:30Milliohms MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE:500Vrms AC.
 - INSULATION RESISTANCE:1000 Megohms.
 - MECHANICAL CHARACTER:
 - CONTACTORMATING FORCE:3.57Kgf MAX.
 - CONTACTOR UNMATING FORCE:1.02Kgf MIN.
 - DURABILITY:1500 CYCLES.
 - OPERATING TEMPERATURE:-55°C TO +85°C
- RECOMMENDED PROCESS:
 WAVE SOLDER PEAK UP TEMPERATURE:245°C,5SEC.
- RECOMMENDED PCB THICKNESS:1.60±0.05 mm.

*"標是重點管控尺寸

PART No.	TERMINALS PLATED	前鐵殼材質及電鍍規格
AUS+A02P-ESATAC91	Au/Tin 1u"	SUS430 鍍線先電鍍後沖壓

單位 (UNITS)	mm
數量 (QT'Y)	N/A
材料 (MT'L)	SEE NOTE
處理 (FINISH)	SEE NOTE

東莞翊豐精密五金有限公司

圖名 (NAME)
 USB母雙層+ESATA C版 半金錫1u"黑
 前鐵殼SUS430 噴LOGO D/C 無柱 ROHS

料號 (PART NUMBER)	AUS+A02P-ESATAC91
圖號 (DRAW NUMBER)	RAUSA02PESATAC91
圖檔 (FILE NAME .DWG)	D:\ZSB\CPT

繪圖 (DRAW)	
設計 (DE'N)	
審校 (CH'K)	
核准 (APP'D)	

比例 (SCALE)	1/1	圖紙 (SIZE)	A4	頁次 (SHEET)	1	版次 (REV.)	B
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DIMENSIONS TOLERANCE	
METRIC	
.0= ±.38	
.00= ±.25	
.000= ±.15	
.0000= ±	
ANG.= ±2°	

