



NOTE:

1. MATERIAL:

- 1.1 INSULATOR: LCP+30%GF, UL94V-0,
- 1.2 CONTACT 1~4PIN: C5191R/H,
- 1.3 CONTACT 5~9PIN: C5191R/H,
- 1.4 SHELL: BRASS C2680R/H

2. PLATING:

- 2.1 CONTACT: SELECTIVE GOLD PLATED ON CONTACT AREA  
100u" Min. MATTE TIN PLATED ON SOLDER TAIL  
50u" Min. NICKEL UNDER-PLATED
- 2.2 SHELL: 50u" Min. NICKEL PLATED OVERALL

3. CHARACTERISTICS:

- 3.1 ELECTRICAL CHARACTERISTICS;  
CONTACT RESISTANCE: 30mΩ MAXIMUM  
CONTACT CURRENT RATING: 1.5A  
DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.  
INSULATION RESISTANCE 1000 MEGOHMS MIN  
OPERATING TEMPERATURE: -25°C ~ +85°C

3.2 MECHANICAL:

- MATING FORCE: 3.57Kg.Max.
- UNMATING FORCE: 1.02Kg.Min.

4. DESIGN STANDARD ACCORDING TO USB\_3.0 SPECIFICATION.



Champyang International Ltd., Co

A0	RELEASED	Allen	2019-07-04
REV	DESCRIPTION.	APPD.	Date

FILE NO : AU303( Series)		TITLE 圖名		USB3.0 AF SMT		UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm ± 0.075 mm 0.00 mm ± 0.15 mm 0.0 mm ± 0.25 mm		PART NO. 料號		AU303-0109-x42-S		SCALE 比例	1:1
		DRAWN BY 製圖		Ben	DATE 日期	2019-07-04	REV. 版本
		CHECKED BY 審核		Allen	DATE 日期	2019-07-04	