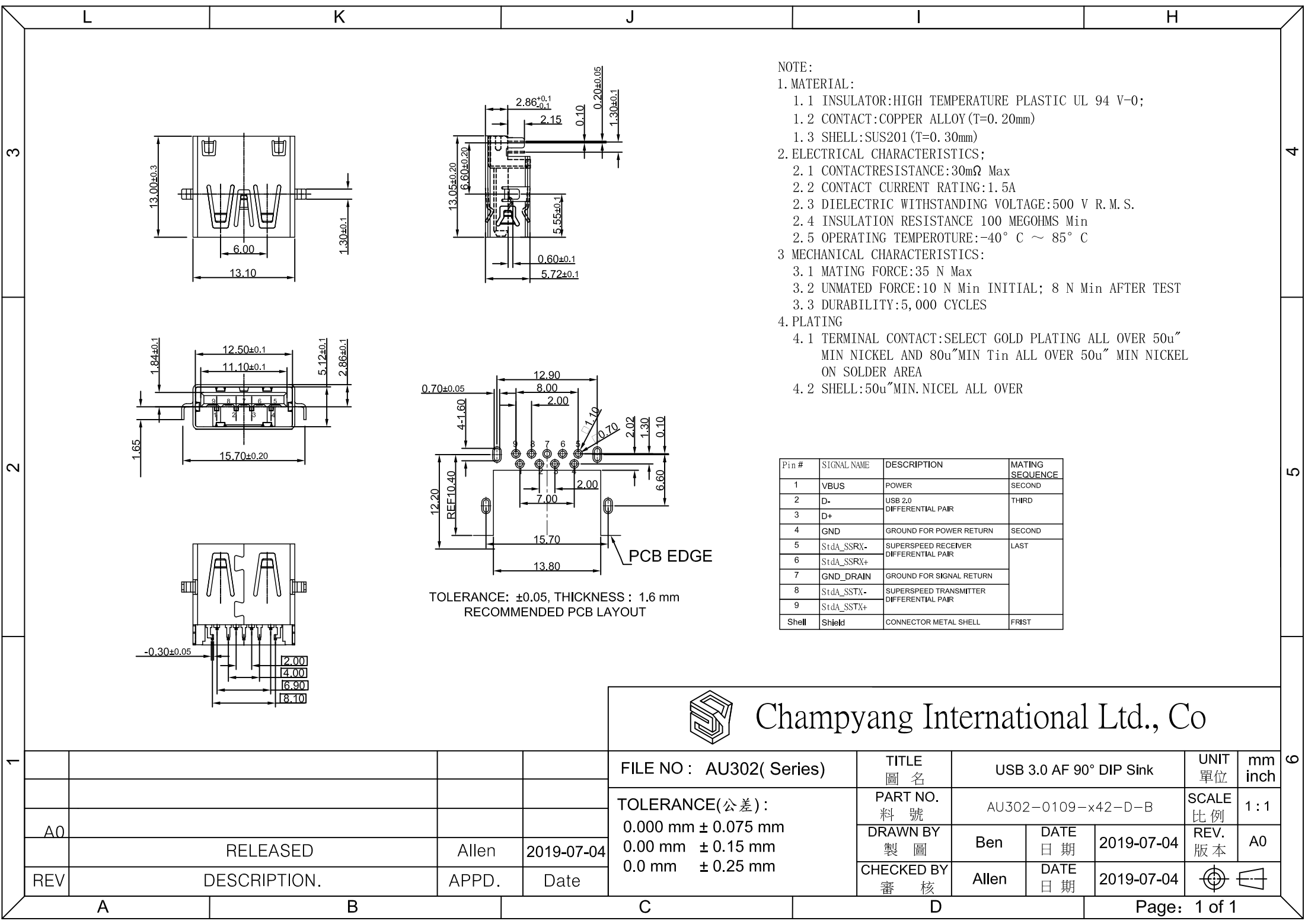




NOTE:

1. MATERIAL:

- 1.1 INSULATOR:HIGH TEMPERATURE PLASTIC UL 94 V-0;
- 1.2 CONTACT:COPPER ALLOY (T=0.20mm)
- 1.3 SHELL:SUS201 (T=0.30mm)

2. ELECTRICAL CHARACTERISTICS;

- 2.1 CONTACT RESISTANCE:30mΩ Max
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R.M.S.
- 2.4 INSULATION RESISTANCE 100 MEGOHMS Min
- 2.5 OPERATING TEMPERATURE:-40° C ~ 85° C

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:35 N Max
- 3.2 UNMATED FORCE:10 N Min INITIAL; 8 N Min AFTER TEST
- 3.3 DURABILITY:5,000 CYCLES

4. PLATING

- 4.1 TERMINAL CONTACT:SELECT GOLD PLATING ALL OVER 50u" MIN NICKEL AND 80u"MIN Tin ALL OVER 50u" MIN NICKEL ON SOLDER AREA
- 4.2 SHELL:50u"MIN. NICKEL ALL OVER

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST



Champyang International Ltd., Co

FILE NO : AU302(Series)

TITLE
圖 名

USB 3.0 AF 90° DIP Sink

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

AU302-0109-x42-D-B

SCALE
比例
1:1

DRAWN BY
製 圖

Ben

DATE
日期

2019-07-04

REV.
版本
A0

CHECKED BY
審 核

Allen

DATE
日期

2019-07-04

