



RECOMMENDED PCB LAYOUT
(TOLERANCE±±0.05)

Pin NO.	Signal Assignment
# 1	VBUS
# 2	D-
# 3	D+
# 4	GND
# 5	Stda_SSR-
# 6	Stda_SSR+
# 7	GND_DRAIN
# 8	Stda_SST-
# 9	Stda_SST+
SHELL	Shield

NOTE:

A. MATERIAL:

1. Housing: LCP/PBT UL94V-0 Blue
2. Cover: LCP/PBT UL94V-0 Blue
3. Contact: Copper Alloy T=0.20
4. Shell: Copper Alloy / SPCC T=0.30

B. PLATING:

1. Contact: Contact Area Gold Plated
Solder Area Sn Plated
Under Plated Nickel
2. Shell: Nickel Plated

C. SPECIFICATION:

1. Current: 1.8A (Pin1,Pin4) Other Contacts 0.25A
2. Voltage: 30V RMS
3. Withstanding Voltage: 100V AC
4. Contact Resistance: 30 mΩ max. (Pin1,Pin4)
50 mΩ max. Other Contacts
5. Insulation Resistance: 100 MΩ min.
6. Temperature Range: -20°C to +85°C
7. Mating And Unmating Force:
 - 7.1 Mating Force: 3.5Kgf(35N)Max.
 - 7.2 Unmating Force: 1.02Kgf(10N)Min.
8. Durability: 1500 Cycles
9. Material Code:



Champyang International Ltd., Co

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

FILE NO : AU301(Series)		TITLE 圖名		USB3.0 AF 90° DIP 彎腳		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		AU301-0109-x42-D-C		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			