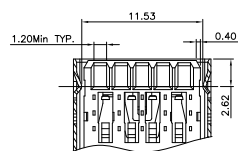
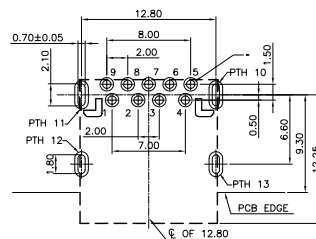
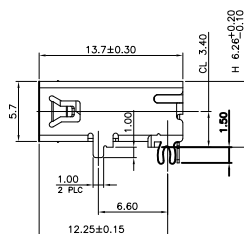
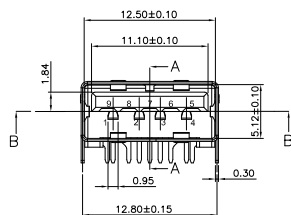
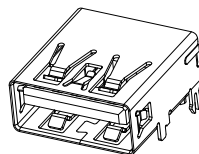


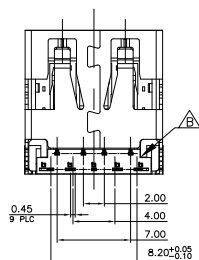
(TOP VIEW)



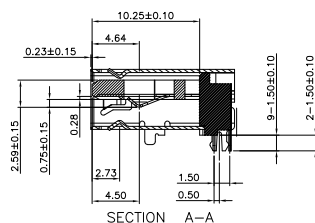
SECTION B-B



TOLERANCE: ± 0.05 , THICKNESS: 1.0mm
RECOMMENDED PCB LAYOUT
(TOP VIEW)
KEEP OUT AREA



(BOTTOM VIEW)



SECTION A-A

NOTE:

1. MATERIAL:

- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; BLUE
- 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: (SEE TAB) 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	Std_SSRX-	SUPER SPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	Std_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	Std_SSTX-	SUPER SPEED TRANSMITTER DIFFERENTIAL PAIR	
9	Std_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

No.	Part Name	Q'TY	Material	Finish
1	HOUSING	1	PA-9T +30%G.F.	UL94 V-0, COLOR BLUE
2	SHEEL	1	SUS 201 (STANLESS)	Nickel Plating-50u"
3	CONTACT	1	Phosphor Bronze	Gold Flash Plating Tin 120u" Nickel 50u"



Champyang International Ltd., Co

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

FILE NO : AU301(Series)		TITLE 圖 名		USB 3.0 AF STD CL4.00mm H6.86 L13.7mm DIP TYPE CONN		UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm $\pm$ 0.075 mm 0.00 mm $\pm$ 0.15 mm 0.0 mm $\pm$ 0.25 mm		PART NO. 料 號		AU301-0109-F32-D-A		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	

A

B

C

D

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