

3

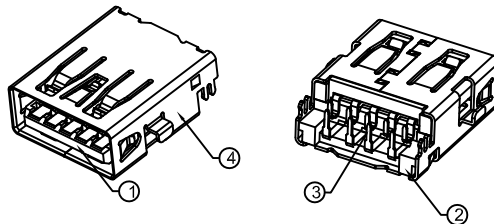
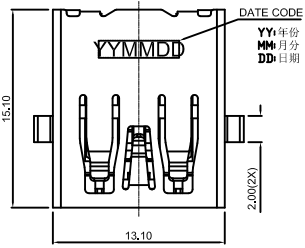
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2

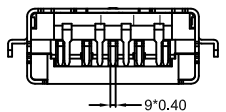
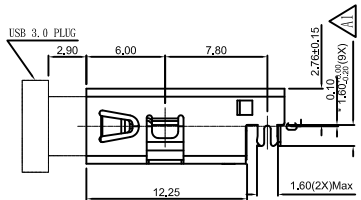
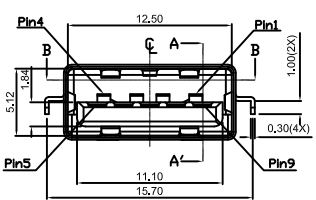
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1

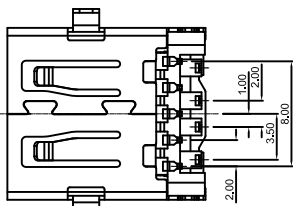
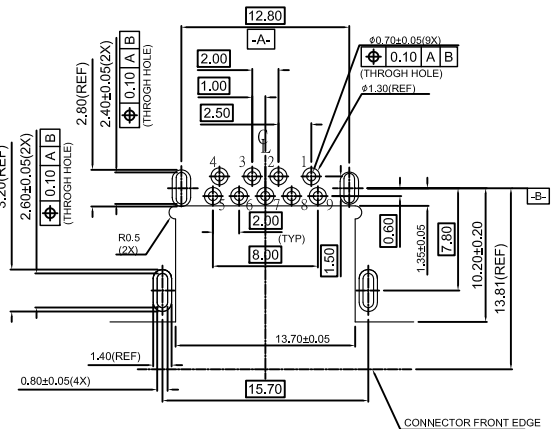
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- NOTE:
1. MATERIAL:
 - 1.1 INSULATOR:HIGH TEMPERATURE PLASTIC UL 94 V-0;
 - 1.2 CONTACT:COPPER ALLOY (T=0.20mm)
 - 1.3 SHELL:SUS201 (T=0.30mm)
 2. ELECTRICAL CHARACTERISTICS:
 - 2.1 CONTACTRESISTANCE:30mΩ Max
 - 2.2 CONTACT CURRENT RATING:1.5A
 - 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. NICEL 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



BOM:

5	USB 3.0-A/Mini(DIP)插座 -短端子 (4P端子)	PHOSPHOR BRONZE (C5191R-EH),T=0.20mm	端子整体打锡0.50u"Min,符合JEDEC PART NUMBER, 后处理100u"Min	4	PCS	
4	USB 3.0-A/Mini(DIP)插座 -上座 (4P端子座)	BLACK(黑色)or Blue(Pantone 300C) UL94 V-0		1	PCS	
3	USB 3.0-A/Mini(DIP)插座 -长端子 (5P端子)	BRASS(C2680R-H) T=0.20mm	端子整体打锡0.50u"Min,符合JEDEC PART NUMBER, 后处理100u"Min	5	PCS	
2	USB 3.0-A/Mini(DIP)插座 -下座 (5P端子座)	BLACK(黑色)or Blue(Pantone 300C) UL94 V-0		1	PCS	
1	USB 3.0-A/Mini(DIP)插座-外壳	STAINLESS STEEL(201) T=0.30mm	NICKEL PLATED 50u"	1	PCS	
项次	品 名	材 质	表面处理或颜色	用量	备注	



Champyang International Ltd., Co

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

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-A			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		