

Pin #	SIGNAL NAME	DESCRIPTION
1	VBUS	POWER
2	D-	USB 2.0 DIFFERENTIAL PAIR
3	D+	
4	GND	GROUND FOR POWER RETURN
5	SDA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6	SDA_SSRX+	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN
8	SDA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR
9	SDA_SSTX+	
Shell	Shield	CONNECTOR METAL SHELL

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:BRASS(T=0.30mm)

2.ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE:30mΩ MAXIMUM

2.2 CONTACT CURRENT RATING:1.5A

2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R.M.S.

2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN

2.5 OPERATING TEMPERATURE:-40°C~85°C

3.MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE:3.57kg MAX

3.2 UNMATED FORCE:1.02kg MIN

3.3 DURABILITY:MANDATORY:5,000 CYCLES

4.PLATING

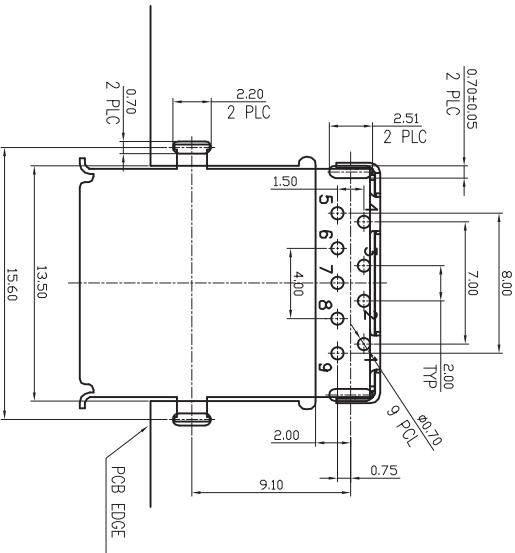
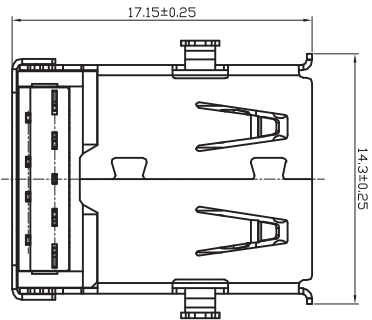
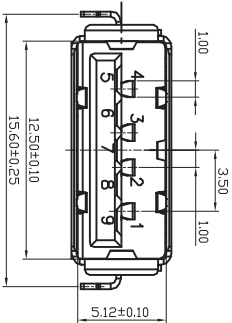
4.1 TERMINAL CONTACT:GOLD PLATING (SEE 6) ALL OVER 50μ" MIN NICKEL AND 80μ" MIN Tin ALL OVER 50μ" MIN NICKEL ON SOLDER AREA

4.2 SHELL:80μ" MIN,NICEL OVER 20μ"MIN COPPER

5.PRODUCT NO. DESCRIPTION:

USB3A-08XXE001

Contact Finish:
00: Material 10: 10u"Gold
01: GFR 15: 15u"Gold
05: 5u"Gold 30: 30u"Gold



PCB LAYOUT
TOLERANCE:±0.05

Wellco T&C Co., Ltd.

LTR	ECN NO	REVISION	RECORD	DRAW	DATE
1					

TOLERANCE:		UNIT
X. ± 0.50	X.° ± 1°	MM
.X ± 0.30	.X° ± 1°	SHEET
.XX ± 0.20	.XX° ± 1.0°	1/1
.XXX ± 0.10		SCALE
1:1	DRAW:	Andy
1:1	CHECK:	
REV: A	APPR:	
ITEM:		P/N: USB3A-08XXE001
USB 3.0 A/F 沉板 DIP(鱼叉脚)		DRW NO: C-USB3A-08XXE001