

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

NOTE:

1.MATERIAL:

- 1.1 INSULATOR:HIGH TEMPEATURE 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 CONTACTRESISTANCE: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℃~85℃

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:30" GOLD PLATING ALL OVER 50u" MIN NICKEL AND 80u" MIN Tin ALL OVER 50u" MIN NICKEL ON SOLDER AREA

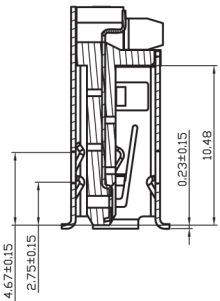
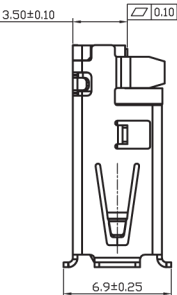
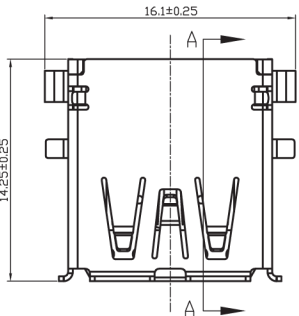
- 4.2 SHELL:80u" MIN.NICEL OVER 20"MIN COPPER

5.PRODUCT NO. DESCRIPTION:

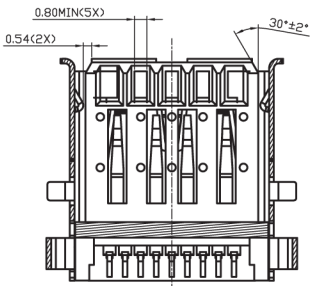
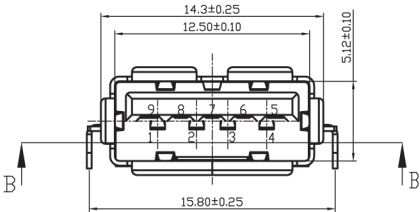
XUSB3A-08XXE002

Contact Finish :

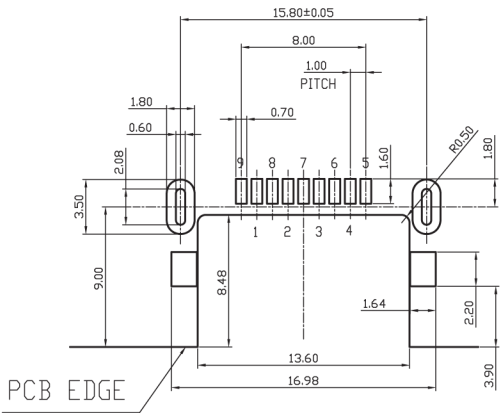
00: Material 10: 10u"Gold
01: G/F 15: 15u"Gold
05 : 5u"Gold 30: 30u"Gold



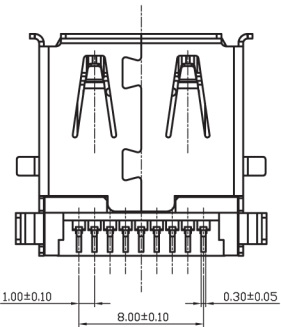
A-A SECTION



B-B SECTION



PCB LAYOUT
TOLERANCE: ±0.05



TOLERANCE:		UNIT		DUWON COMTECH CO., LTD			
X. ± 0.50	X.° ± 1°	MM	SHEET				
.X ± 0.30	.X° ± 1°	1/1	SCALE	DRAW:	Andy	2010.10.23	P/N: XUSB3A-08XXE002
.XX ± 0.20	.XX° ± 1.0°	1:1	DESIGN:			ITEM: USB 3.0 A/F 沉板 SMT	
.XXX ± 0.10		1:1	CHECK:			DRW NO: C-USB3A-08XXE002	
		REV: v1.0	APPR:				

LTR	ECN NO	REVISION	RECORD	DRAW	DATE
1					
2					
3					
4					
5					
6					