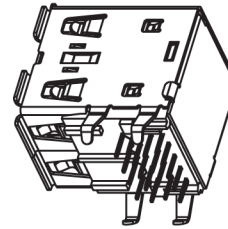
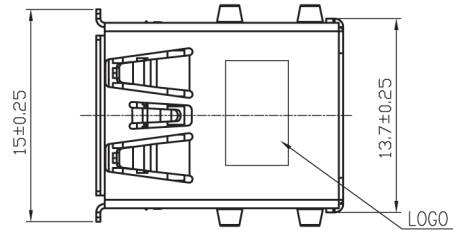


Pin #	SIGNAL NAME	DESCRIPTION
1,10	VBUS	POWER
2,11	D-	USB 2.0
3,12	D+	DIFFERENTIAL PAIR
4,13	GND	GROUND FOR POWER RETURN
5,14	StdA_SS RX-	SUPERSPEED RECEIVER
6,15	StdA_SS RX+	DIFFERENTIAL PAIR
7,16	GND_DRAIN	GROUND FOR SIGNAL RETURN
8,17	StdA_SS TX-	SUPERSPEED TRANSMITTER
9,18	StdA_SS TX+	DIFFERENTIAL PAIR
Shell	Shield	CONNECTOR METAL SHELL



NOTE:

1.MATERIAL:

1.1 INSULATOR:PBT+30%G/F,BLUE UL94V-0.

1.2 CONTACT:BRASS(T=0.20mm) & PHOSPHOR BRONZE(T=0.20mm)

1.3 SHELL:SPCC(T=0.40mm) OR BRASS(T=0.40mm)

2.ELECTRICAL CHARACTERISTICS;

2.1 CONTACT RESISTANCE:30mΩ MAXIMUM

2.2 CONTACT CURRENT RATING:1.5AMPERES

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

2.4 INSULATION RESISTANCE 1000 MΩ MIN

2.5 OPERATING TEMPERATURE:-40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE:3.57kg MAX

3.2 UNMATING FORCE:1.02kg MIN

3.3 DURABILITY:MANDATORY:5,000 CYCLES

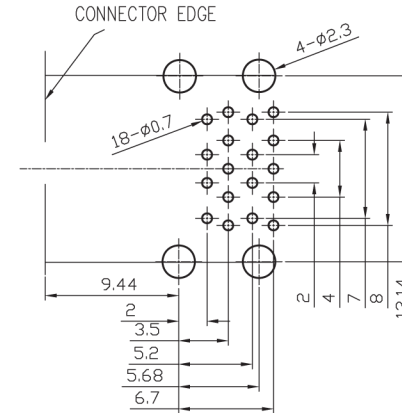
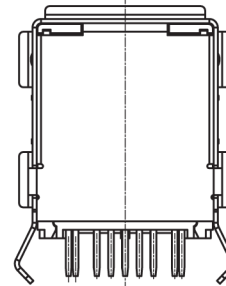
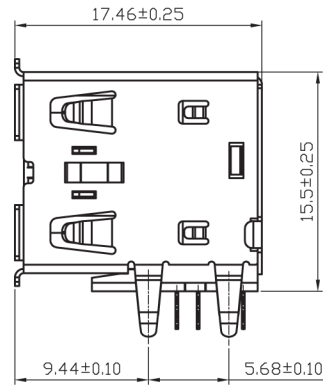
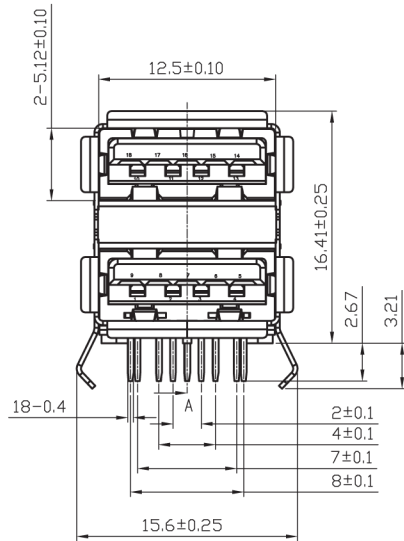
4.PLATING

4.1 TERMINAL:GOLD FLASH ALL OVER 50u" MIN

NICKEL AND 100u"MIN Tin ALL OVER 50u" MIN

NICKEL ON SOLDER AREA

4.2 SHELL:120u"MIN.NICEL OVER 20"MIN COPPER



PCB LAYOUT
TOLERANCE:±0.05

XUSB4A-07XXE001

Contact Finish:

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

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
		REV: B

DUWON COMTECH CO., LTD

	ECN1109001	增加PIN脚说明	Andy	2011.09.29
LTR	ECN NO	REVISION	RECORD	DATE

P/N: XUSB4A-07XXE001	2010.04.17	Andy	DRAW:
ITEM: USB 3.0 A/F 双层 DIP脚			DESIGN:
DRW NO: C-USB4A-07XXE001			CHECK:
			APPR: