

REVISION DATA

REV	DESCRIPTION	DATE
A0	NEW DRAWING	2016-5-26

NOTE:

1.MATERIAL:

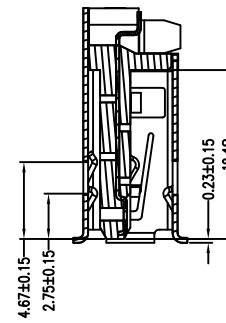
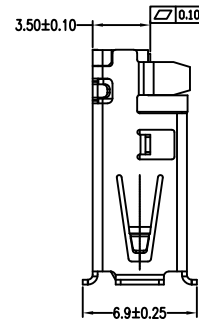
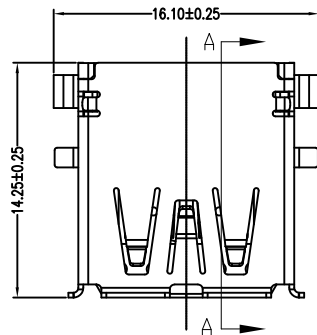
- 1.1 INSULATOR:HIGH TEMPEATURE PLASTIC UL 94 V-0 BLUE
 - 1.2 CONTACT:COPPER ALLOY(T=0.20mm)
 - 1.3 SHELL:BRASS(T=0.30mm)
- 2.ELECTRICAL CHARACTERISTICS:
- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
 - 2.2 CONTACT CURRENT RATING:1.5A
 - 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R.M.S.
 - 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
 - 2.5 OPERATING TEMPERATURE:-40°C~85°C

3.MECHANICAL CHARACTERISTICS:

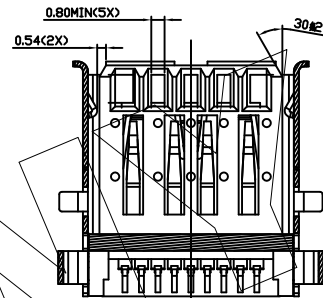
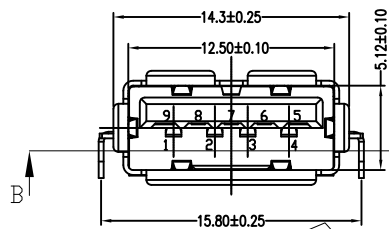
- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATED FORCE:1.02kg MIN
- 3.3 DURABILITY:MANDATORY:5,000 CYCLES

4.PLATING

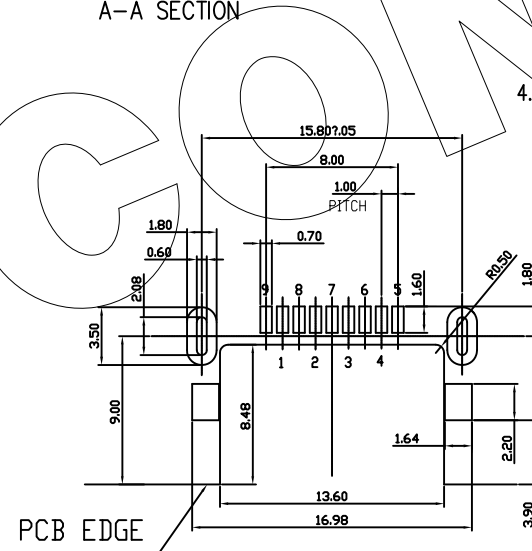
- 4.1 TERMINAL CONTACT:GOLD PLATING (SEE 6) ALL OVER 50u" MIN NICKEL AND 80u" MIN Tin ALL OVER 50u" MIN NICKEL ON SOLDER AREA
- 4.2 SHELL:80u" MIN.NICEL OVER 20"MIN COPPER



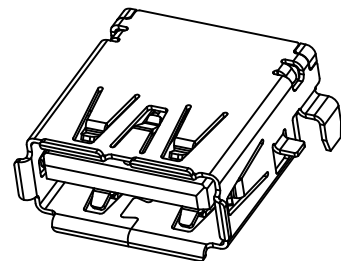
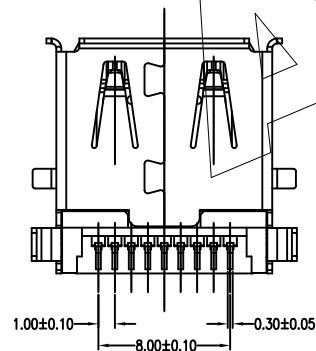
A-A SECTION



B-B SECTION



PCB LAYOUT
TOLERANCE:±0.05



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

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TOLERANCE	PROJECTON		TITLE:	USB AF 3.0沉板式SMT		
ANGLE ±5°	DATE :	2016-5-26	DRAWN :	ZHANG	PART NO:	
X.XXX ±0.10	CHECKED :		APPROVED :		DRAWING NO:	
X.XX ±0.20					REV: A0	UNIT: mm
X.X ±0.30					SCALE: 3:1	SIZE: A4
X. ±0.50						