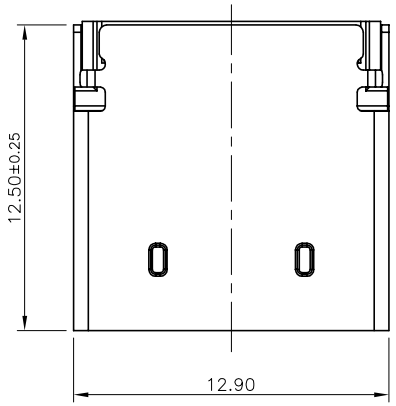
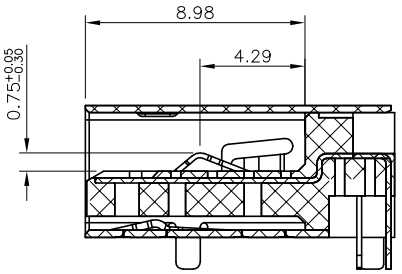
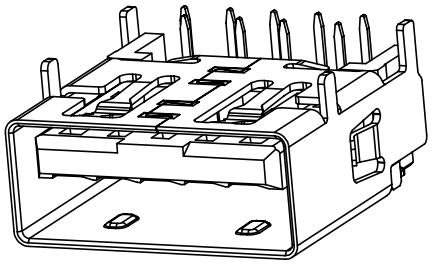
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REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A0		INITIAL RELEASE		

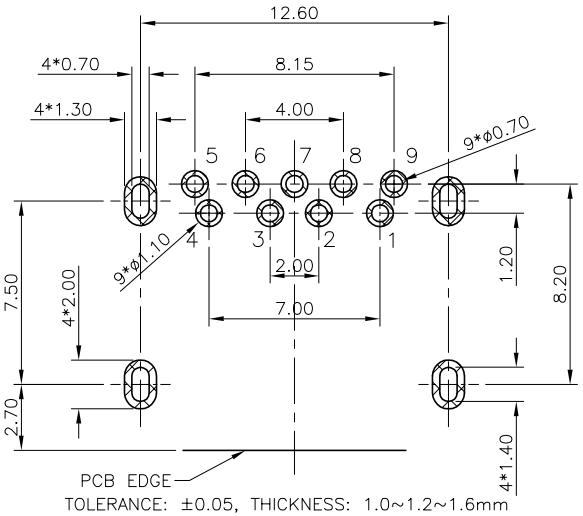




SECTION A–A



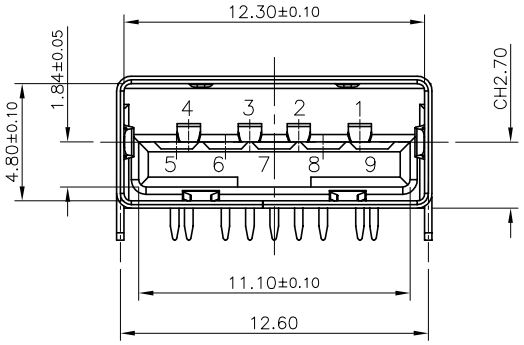
3D VIEW

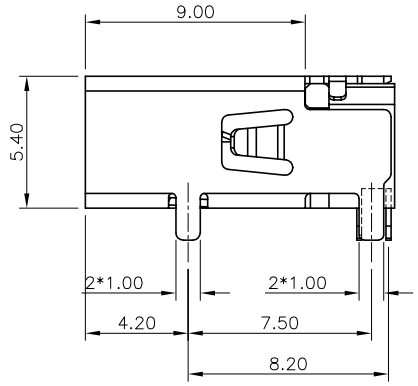


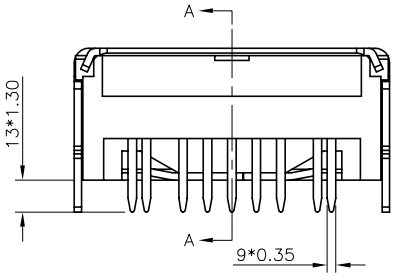
TOLERANCE: ±0.05, THICKNESS: 1.0~1.2~1.6mm

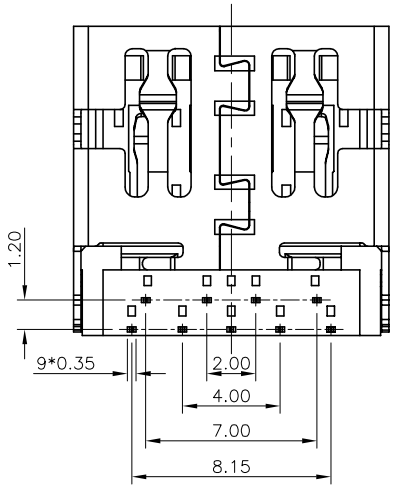
RECOMMENDED PCB LAYOUT

(TOP VIEW)









PART NO.:

NO	PART NO.	HOUSING COLOR
01	U3-002D-9P-1	BLACK
02	U3-002D-9P-7	BLUE

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

NOTE:

1.MATERIAL:
- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC: LCP UL94V-0;
- 1.2 CONTACT: COPPER ALLOY(T=0.2mm);
- 1.3 SHELL: SUS201(T=0.30mm);

2.ELECTRICAL CHARACTERISTICS:
- 2.1 CONTACTRESISTANCE:INITIAL: 30mΩ Max;AFTER TEST: 50mΩ Max;
- 2.2 CONTACT CURRENT RATING: 1.5A Max;
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500V R.M.S;
- 2.4 INSULATION RESISTANCE: 100MΩ Min;
- 2.5 OPERATING TEMPEROTURE: -25°C~85°C;
- 2.6 RATE VOLTAGE: 30V DC;

3 MECHANICAL CHARACTERISTICS:
- 3.1 MATING FORCE: 35N Max;
- 3.2 UNMATED FORCE: 10N Min INITIAL; 8N Min AFTER TEST;
- 3.3 DURABILITY: 5,000 CYCLES;

4.PLATING:
- 4.1 TERMINAL CONTACT: GOLD PLATING ALL OVER 50u" MIN NICKEL AND 80u"MIN Matte Tin NICKEL IN SOLDER AREA;
- 4.2 SHELL: 50u"MIN. NICKEL ALL OVER;

5.BE MAINTAINED FOR 10 SECONDS AT 260±5°C;

6.SOLDERING PROCESS: REFLOW SOLDERING.

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Unless Otherwise specified, Tolerance:
X. ±0.30
X.x ±0.20
X.xx ±0.15
X.xxx ±0.10
ANGLES ±3°
Tel:0769-82889209

Dongguan SaleXun Electronic Co.,Ltd.

DESIGN:	DATE:	TITLE: SLIM USB3.0 AF reverse DIP board, pin 5.40; pin length 1.30		
CHECKED:	DATE:			
APPROVED:	DATE:			
PART NO.: SEE PART NO.		REV.: A0	SCALE: 1:1	UNIT: mm
DRAWING NO.: C-U3-002D-00		SIZE: A4	SHEET: 1/1	

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