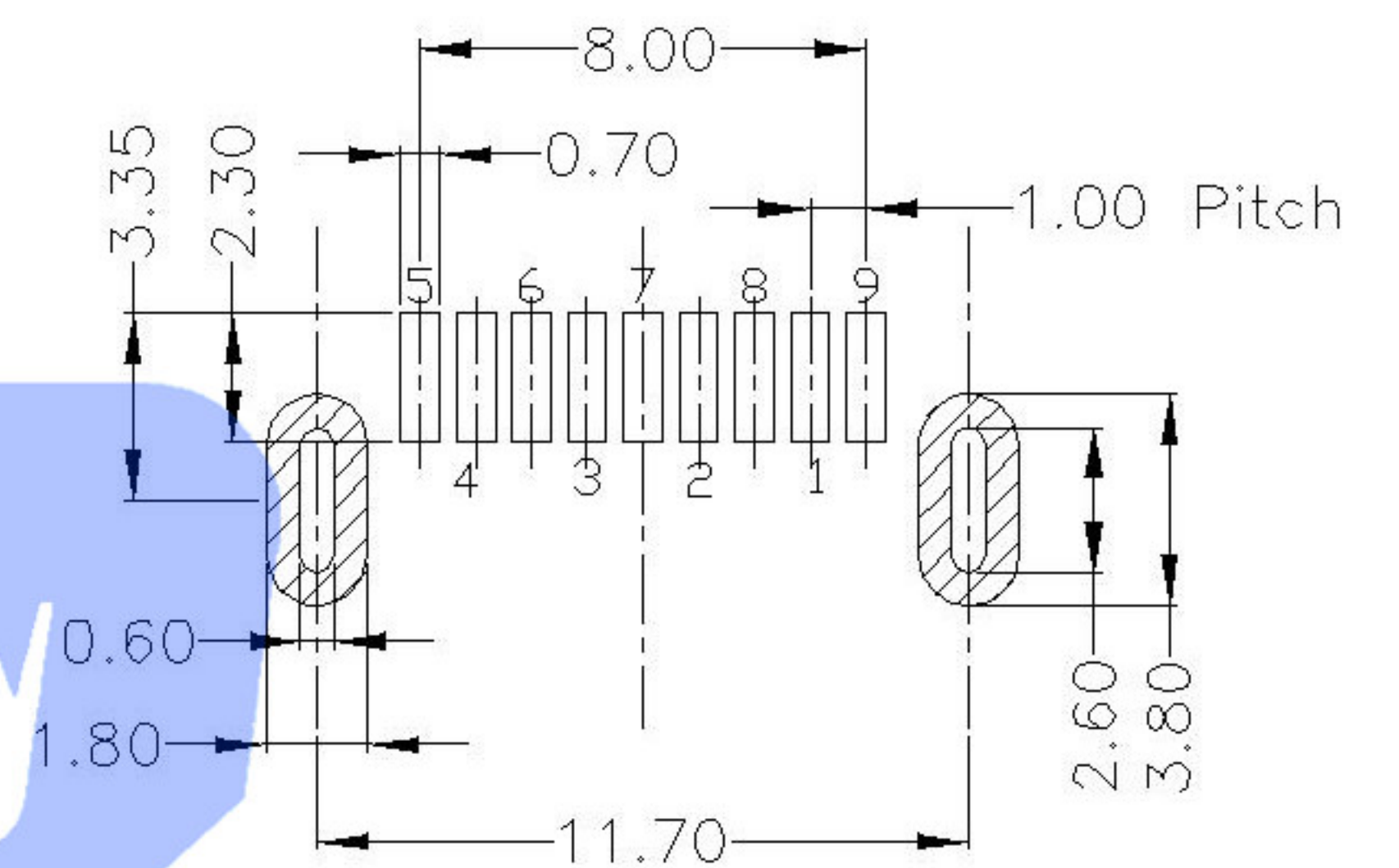
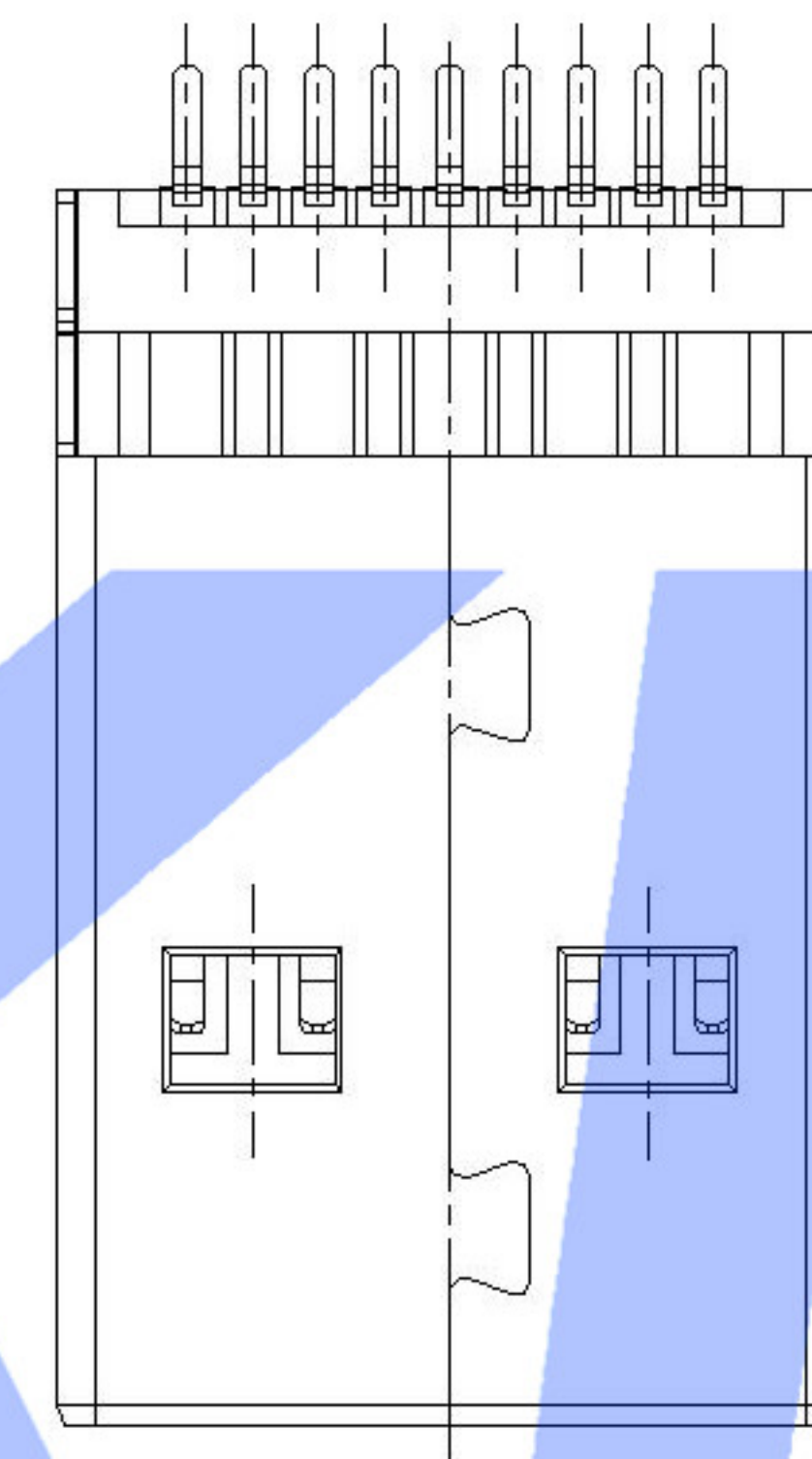
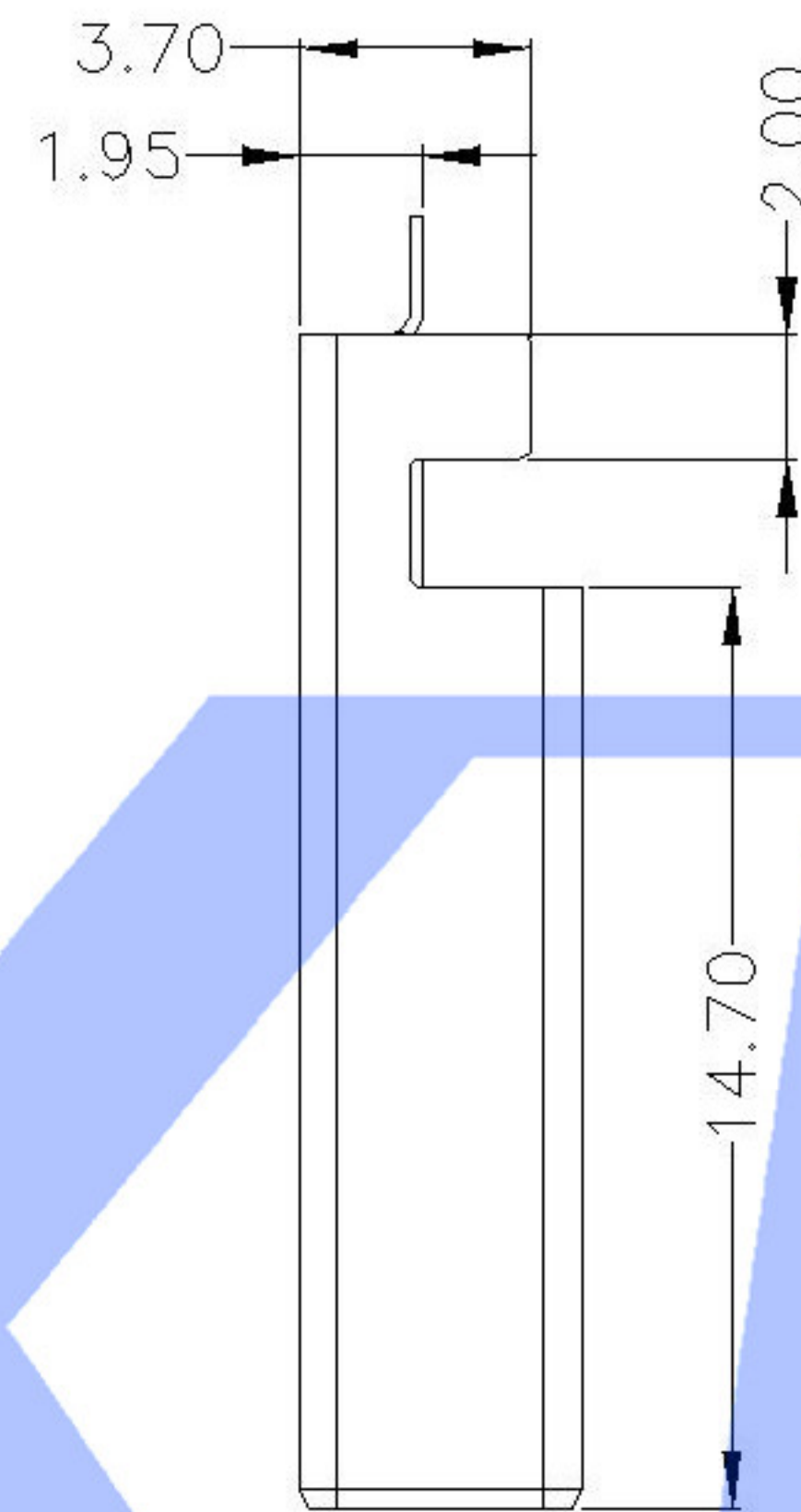
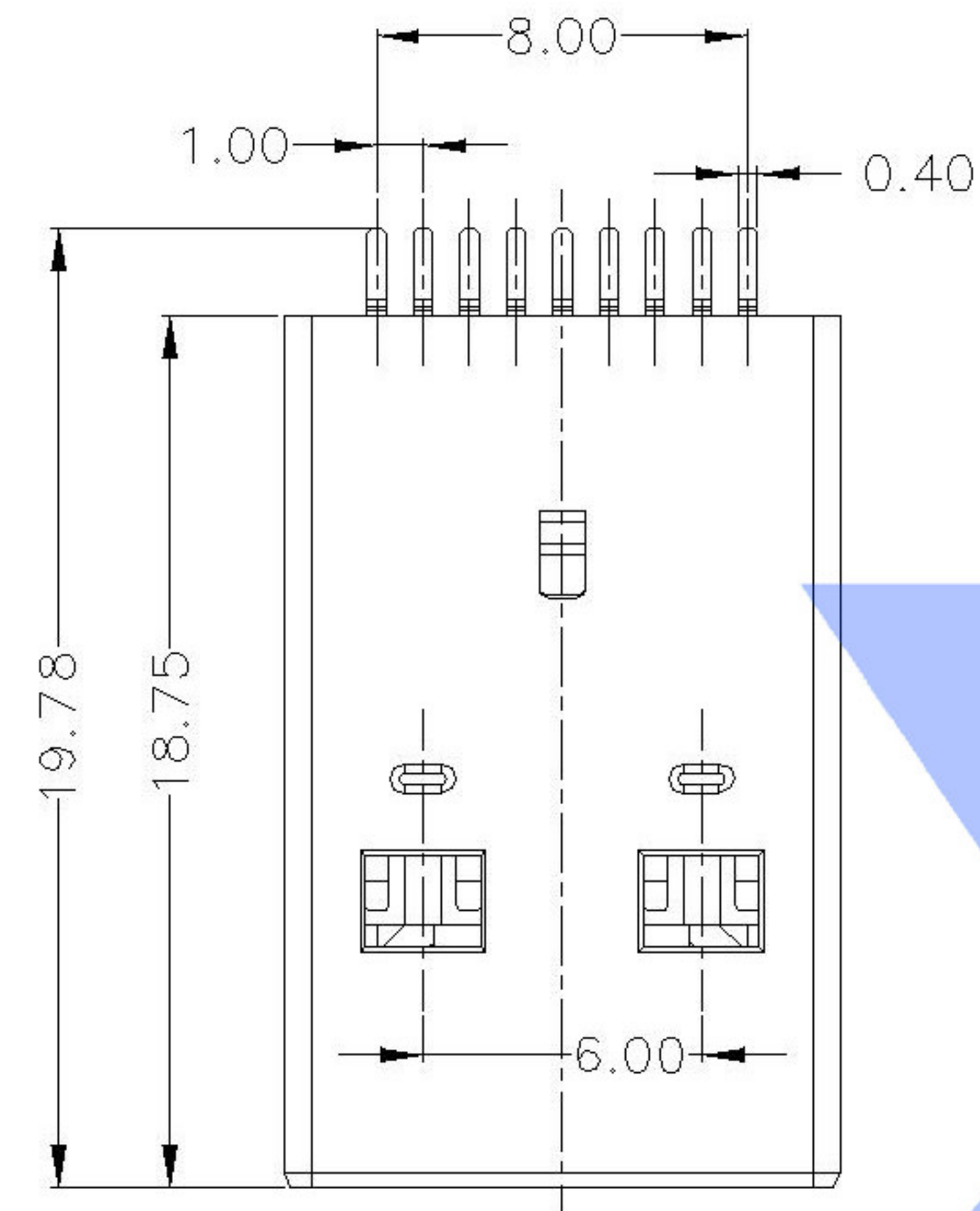
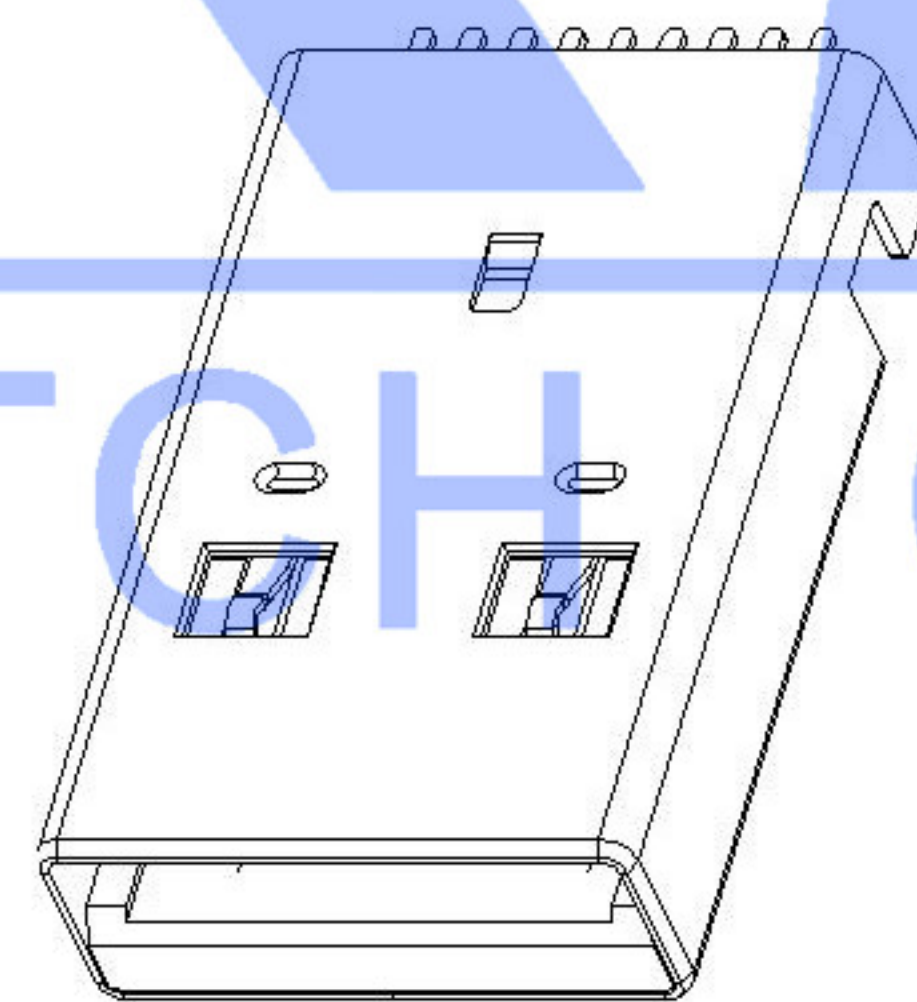
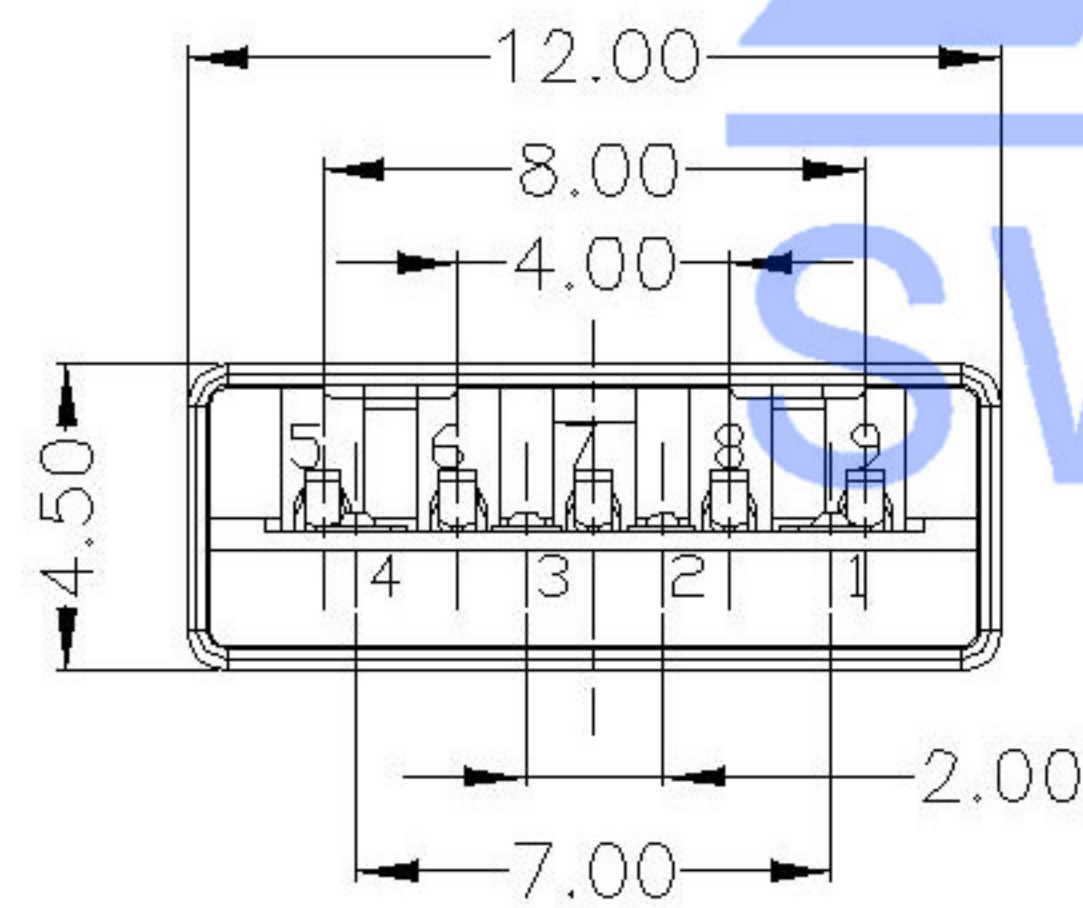




RECOMMENDED PCB LAYOUT



Material
Housing Material: LCP, UL94V-0, blue
Contact Terminal: Copper Alloy
Metallic Shell: Spcc
Plating
Underplating: Nickel
Contact Plating: 1μ" Gold
Solder Tail: 100μ" Min. Tin
Metallic Shell: Nickel
Electrical
Voltage Rating: 100 V AC
Current Rating: 0.25A (Signal pins 2,3,5,6,7,8,9) 1.8A (Power Pins 1,4)
Contact Resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Dielectric withstanding voltage: 100V AC/Minute
Mechanical
Mating Force: 35N (3.57Kgf) Max
Unmating Force: 10N (1.02Kgf) Min. initial, 8N min after test
Environmental and Processing
Operating Temperature: -40°C to +85°C

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	S_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	S_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	S_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	S_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FIRST

U237-09XN-4BLVS10-1

1:AU 1U"
5:AU 15U"
6:AU 30U"
T:TIN
N:NICKEL
1:SPCC
B:BLACK W:WHITE BL:BLUE
1:PBT
2:PA6T
3:PA9T
4:LCP

							DSND		DATE		SCALE: N/A	MODEL TYPE: USB 3.0				
						ANGLAR	±5°	DWN		DATE		VIEW: 	PART NO.:			
△ X						L ≤ 4	±0.2	CHKD		DATE		UNIT: mm	DWG NO.: U237-09XN-4BLVS10-1			
△ X						4<L ≤ 16	±0.3									
△ X						16<L ≤ 63	±0.4	APPD		DATE		SIZE: A4	WEIGHT 1.0g			
MARK	DESCRIPTION	DATE	REVISED	APPROVED		L > 63	±0.5									
REVISIONS							UNSPECIFIED TOLERANCES		XKB INDUSTRIAL PRECISION CO.,LIMITED					SHEET 1/1		
www.xk-dg.cn www.helloxkb.com www.helloxkb.cn														REVISION A0		