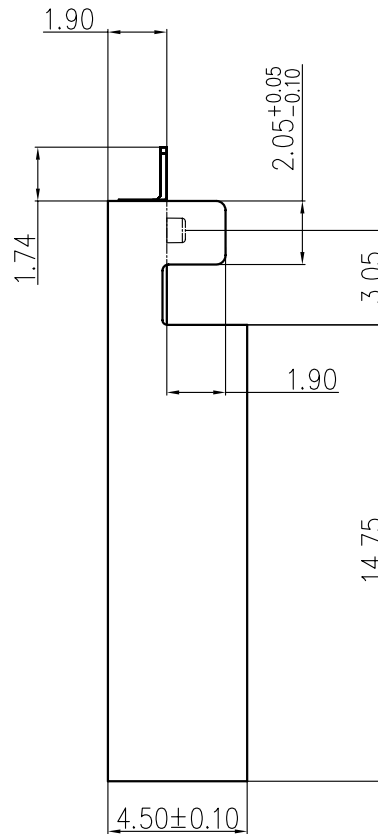
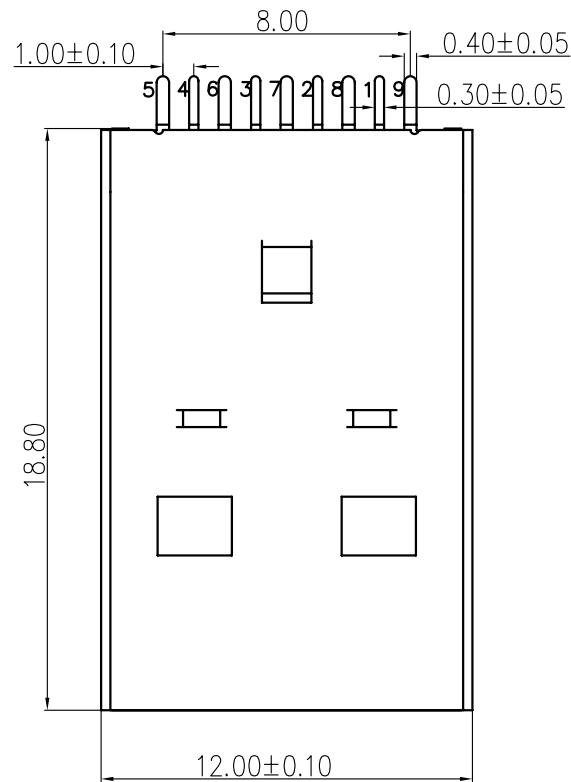


PCB LAYOUT



Remark:

1.MATERIAL:

- 1.1 Housing:thermoplastic plastics.
- 1.2 terminals:Copper Alloy
- 1.3 Shell:Copper Alloy/SPCC.

2.characteristics:

- 2.1 Rating Voltage : 30V AC.
- 2.2 Rating Current:PIN1&PIN4(Vbus&Correponding ground PIN) 1.8A MAX Other PINS 0.25A min.
- 2.3 Contact Resistance:PIN1&PIN4:30 mΩ MAX. Other PINS: 50 mΩ
- 2.4 Insulation Resistance:100 MΩ MIN.
- 2.5 Withstanding Voltage:AC 100V between adjacent contacts
- 2.6 Mating force: 3.57Kgf MAX(35N MAX)
- 2.7 Extraction force:1Kgf Min(9.8N Min)
- 2.8 Life test:1500Cycles MIN.
- 2.9 Temperature Range: -30℃~+80℃.

U318-012X-XXX0X1

- 1:Iron alloy Ni plating
- 5:Copper alloy Ni plating
- 1: Au 1u"
- 3: Au 3u"
- 5: Au 5u"
- 7: Au 10u'
- 8: Au 15u"
- A: Au 30u"
- 1:PA66
- 2:PBT
- 6:LCP
- 1:tray
- 2:Tube
- 8:Tape&Reel
- 9:Tape&Reel+Mylar
- 1:Black
- 7:Blue 300C
- 8:Blue 300C-1
- C:Blue 300C-2
- E:Blue 300C-3
- 9:Carbon black425C

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSTX+

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.XXX ±0.10	.X' ±3'
.XX ±0.20	.XX' ±2'
.X ±0.30	

**FLW** 深圳市华联威电子科技有限公司  
HUA LIAN WEI TECHNOLOGY ELECTRONICS CO; LTD.

APPROVED		PART NAME:	USB3.0 AM 贴片式			
CHECKED		PART No:	U318-012X-XXX0X1	C		
DRAWN	pengchaoyong	PROJECTION:	UNIT:	SCALE:	SHEET:	REV.
DATE	2014.09.28		mm	1:1	1 OF 1	A