

REV.	ECN.NO.	APPD.
A	/	/

Remark:

1.MATERIAL:

1.1 Housing:thermoplastic plastics.

1.2 terminals:Copper Alloy

1.3 Front Shell:Copper Alloy/SPCC.
Middle Shell: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.

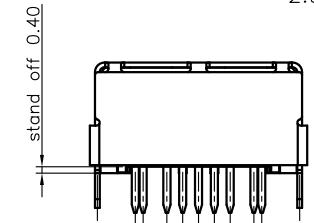
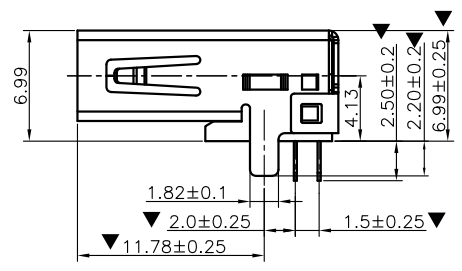
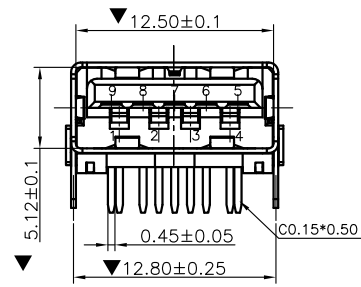
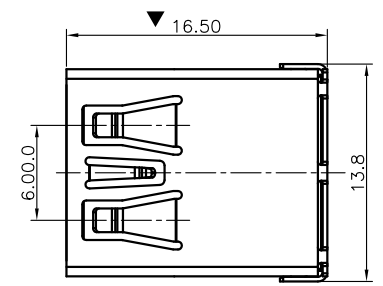
2.5 Withstanding Voltage:AC 100V between adjacent contacts

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℃.



U321-2315-G61018

5:铜壳镀镍

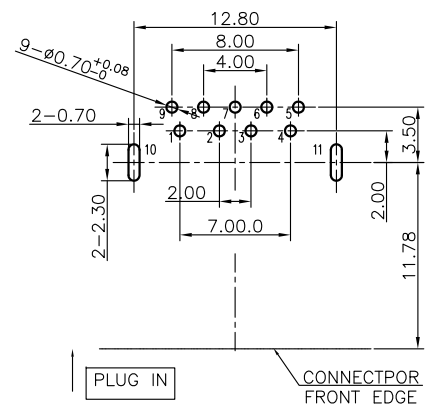
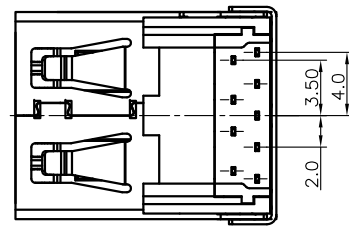
1:吸塑盒

1:黑色

6:LCP

G:半金G/Fu"

PIN NO.	PIN 1	PIN 2	PIN 3	PIN 4
SLGNL NAME	V BUS	D-	D+	GND
REMARK	USB 2.0 CONTACT PINS			



RECOMMENDED PCB LAYOUT(TOP VIEW)

TOLERANCE:±0.03mm

RECOMMEND PCB THICKNESS:t1.6&t1.2mm

PIN NO.	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
SLGNL NAME	STDA_SSRX-	STDA_SSRX+	GND_DRAIN	STDA_SSTX-	STDA_SSTX+
REMARK	USB 3.0 CONTACT PINS				

TOLERANCE UNLESS OTHERWISE SPECIFIED		FLW 深圳市华联威电子科技有限公司			
.XXX ±0.10		HUA LIAN WEI TECHNOLOGY ELECTRONICS CO;LTD.			
.XX ±0.20					
.X ±0.30					
APPROVED		PART NAME:	USB 3.0 AF 90度 直脚 无卷边		
CHECKED		PART No:	U321-2315-G61018		C
DRAWN	chenyiting	PROJECTION:	UNIT:	SCALE	SHEET
DATE	2022.04.03		mm	1:1	10F1
					REV. A