

NOTES:

1.0. ELECTRICAL CHARACTERISTIC:

1.1. LOW LEVEL CONTACT RESISTANCE:

INITIAL: 30 mΩ MAXIMUM FOR POWER AND GROUND CONTACTS.

50 mΩ MAXIMUM FOR ALL OTHER CONTACTS.

AFTER: 10 mΩ MAXIMUM CHANGE.

1.2. DIELECTIC WITHSTANDING VOLTAGE: 100 VAC FOR ONE MINUTE AT SEA LEVEL.

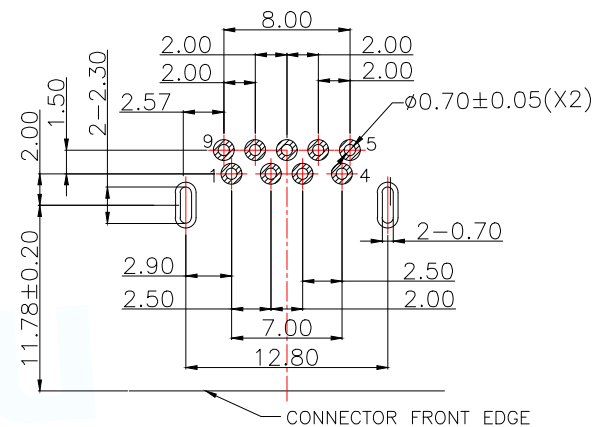
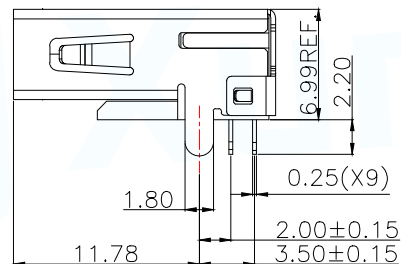
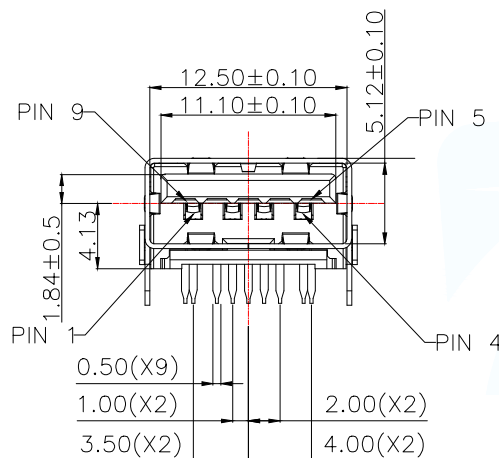
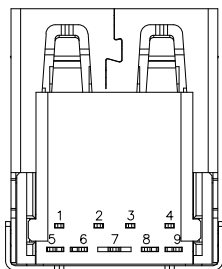
1.3. INSULATION RESISTANCE: 100 MΩ MINIMUM.

2.0. MECHANICAL CHARACTERISTIC:

2.1. INSERTION FORCE: 35N (3.57 Kg) MAXIMUM.

2.2. EXTRACTION FORCE: INITIAL: 10N (1.02Kg) MINIMUM.

AFTER: 8N (0.816Kg) MINIMUM.

REFERENCE PCB LAROUT (THICKNESS: 1.60mm)
TOLERANCE: $\phi \pm 0.05\text{mm}$ 

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	FRIST
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	

05	FLAT CONTACT	5	C2680/gold flash
04	SPRING CONTACT	4	C5191/gold flash +matte Tin
03	COVER	1	LCP/UL94 V-0 color:blue
02	HOUSING	1	LCP/UL94 V-0 color:blue
01	SHELL	1	SUS201/T=0.3±0.02mm
ITEM	DESCRIPTION	Q'TY	MATERIAL/FINISH

MANUFACTURE DWG

东莞市讯普电子科技有限公司
DongGuan XunPu Electronics Co.,LtdUNLESS OTHERWISE
SPECIFIED TOLERANCESTITLE:USB3.1 AF 90度插板直脚无
卷边(过10G)

DECIMALS:

ANGLES:

.X:±0.38

X.:±2°

.XX:±0.25

.XXX:±0.15

PAR	USB-319-CRDW
DWN	Lucas
CHKD	Ethan
APVD	Jacob
SCALE:1:1	UNIT:MM
SIZE:A4	SHEET:1F1
CUSTOMER COPY	REV:A