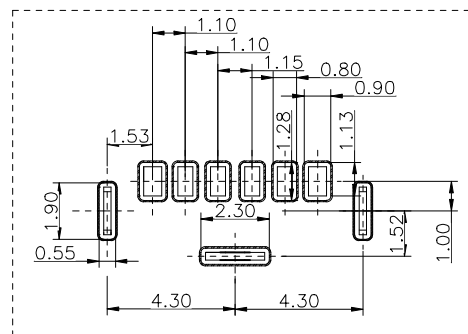
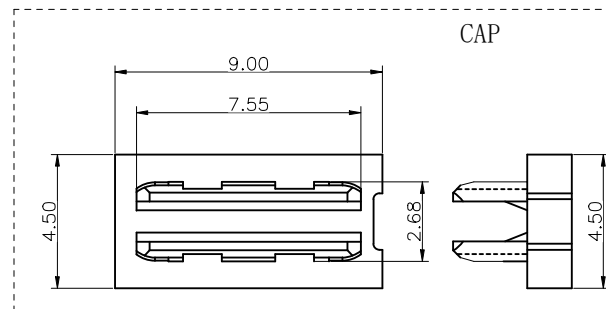
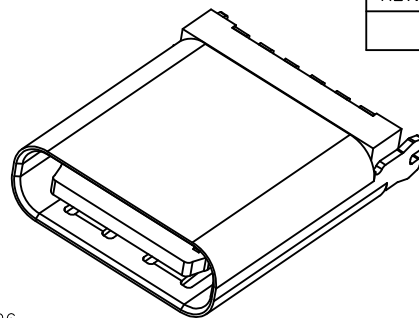
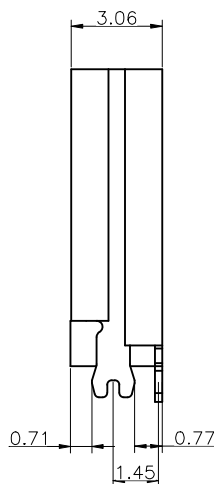
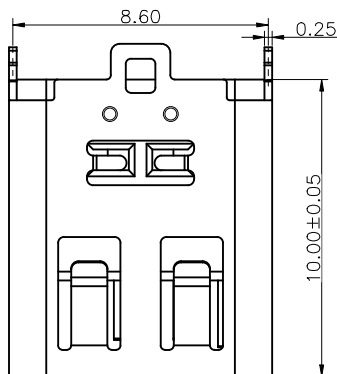
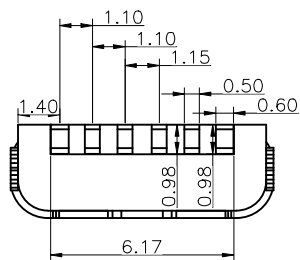
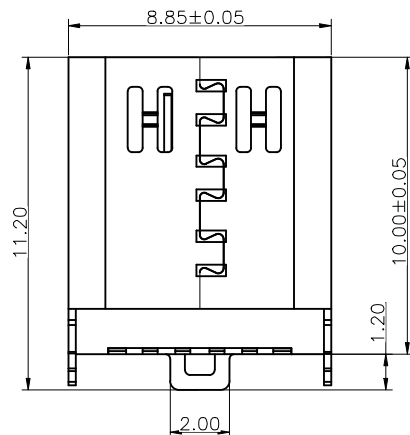
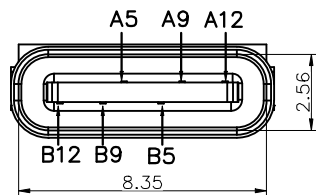




RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ±0.05

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

NOTE:

Material:

1.1 Core: LCP UL94 V-0

1.2 Terminals: C2680, t=0.2mm; Nickel base, gold plated

1.3 Housing: Stainless steel 201-H, surface nickel plated

Electrical Characteristics:

2.1 Contact Resistance: 40mΩ Max, with a 10mΩ variation allowed.
Test conditions: 20mV, 100mA measurement.2.2 Contact Current: 3A (for VBUS pin); 1.25A (for GND pin);
other pins: 0.25A.

2.3 Rated Voltage: 5V.

2.4 Withstand Voltage: 100VAC.

2.5 Insulation Resistance: At least 100MΩ.

Mechanical Properties:

3.1 Insertion Force: 0.5 - 2.0Kg

3.2 Pull-out Force: 0.6 - 2.04Kg

3.3 Insertion/Extraction Cycles: 5000 times.

Working Environment: -20°C to +85°C.

Solderability: Terminals immersed in 250±5°C solder pot for 3-5S±0.5S,
with ≥95% soldering area.Appearance: Components shall withstand the following soldering conditions:
Temperature 250°C, time 8-10 seconds, with no damage or deformation.

USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
		B12	GND
		B9	VBUS
A5	CC1		
		B5	CC2
A9	VBUS		
A12	GND		

NO	PART	Q'TY	Material
1	SHELL	1	ZINC ALLOY, NI30u"Min PLATED
2	CONTACT	6	C2680, TIN80u"/Au1u"/NI30u" PLATED
3	1MD HOUSING	1	LCP UL94 V-0 BLACK
4	CAP	1	LCP UL94 V-0 BLACK

CUSTOMER DRAWING

LAILIAN 深圳市莱联电子有限公司
SHENZHEN LAILIAN ELECTRONICS CO., LTD

DRAWING	CHECK	APPROVAL	TOLERANCES ARE	TITLE	TYPE-C连接器6PIN-立贴H10.0	REV.	A
30-150	±0.35	ANGLE	PART NO.	LAIL- TYPE-C-6PIN-02-LT	UNITS	mm	
10-30	±0.2		DWG.NO.		Projection		
5-10	±0.15	±3°					
0-5	±0.1						