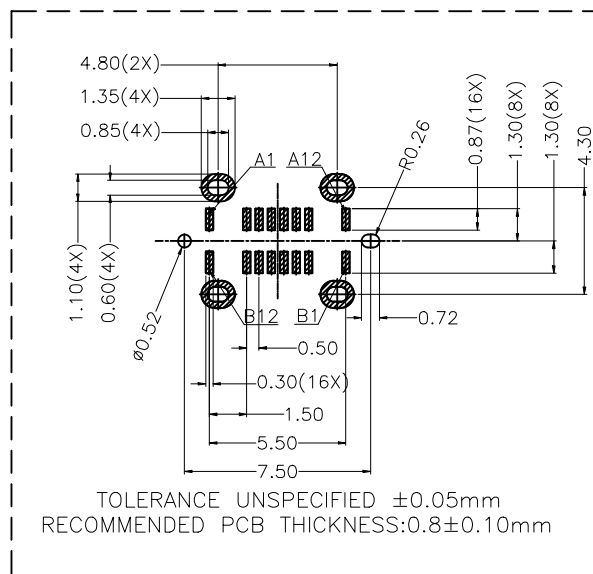
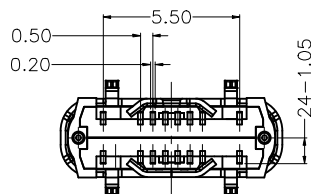
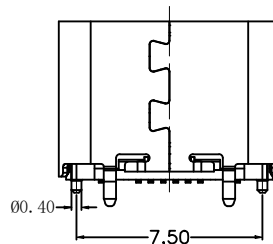
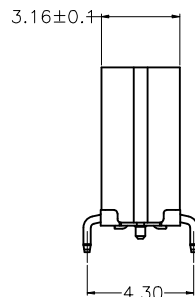
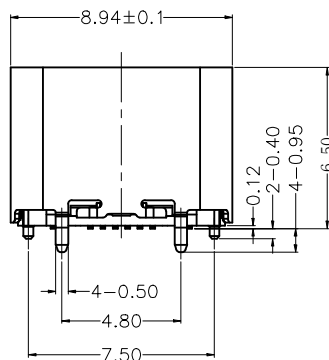
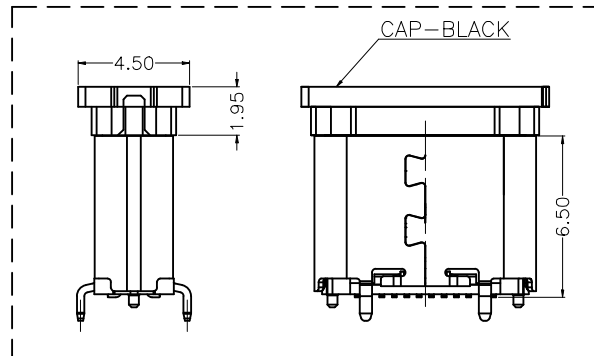
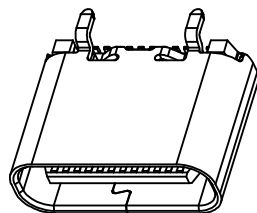
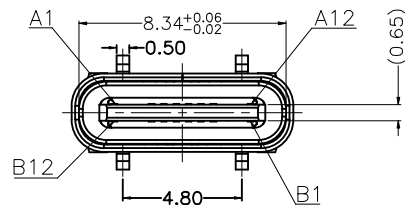


REV.	ECN NO.	DESCRIPTION	DRAW	DATE



TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

SPECIFICATION:

1. MATERIAL:

1-1.HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 COLOR:BLACK

1-2.CONTACTS:COPPER ALLOY T=0.12mm

1-3.SHELL:STAINLESS STEEL

SUS304/SUS201-1/2H,SPCC,T=0.30

1-4.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm

1-5.EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE MATING AREA OF CONTACT.

Au PLATED ON THE SOLDER AREA.

2-2.SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:CLEAR ONLY

2-4.EMI PLATE:CLEAR ONLY

3. MECHANICAL:

3.1.MATING FORCE:0.5~2.0kgf;

3.2.UNMATING FORCE:0.8~2.0kgf.

0.6~2.0kgf AFTER DURABILITY TEST;

3.3.DURABILITY:10000 CYCLES;

4.ELECTRICAL:

4.1.CURRENT RATING:5A Max;

4.2.VOLTAGE RATING:20V Max;

4.3.DIELECTRIC WITHSTANDING VOLTAGE:100VAC;

4.4.CONTACT RESISTANCE:40m Ohms Max.;

4.5.INSULATION RESISTANCE:100M Ohms Min.;

5.ENVIRONMENTAL:

5.1.OPERATING TEMPERATURE:-40°C~+85°C;

5.2.WETTING TEMPERATURE:265±5°C,5±0.5s

USB TYPE-C 16PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	---	B11	---
A3	---	B10	---
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	---	B3	---
A11	---	B2	---
A12	GND	B1	GND

NO.	PART NAME	Q' TY	MATERIAL	FINISH	
1	Shell	1	SUS304 (SUS201)-1/2H, SPCC, T=0. 30mm	50u"Ni Min.	
2	TERMINAL	2	C7025/C2680, T=0. 12mm, C5210-H	1u" Au G/F 50u"Ni Min	
3	MID PLATE	1	SUS301-H, T=0. 15mm	wash	
4	GROUND PLATE	2	SUS301-H, T=0. 10mm	wash	
COSTOMER DRAWING			LAILIAN 深圳市莱联电子有限公司		
DRAWING		SHENZHEN LAILIAN ELECTRONICS CO., LTD			
CHECK					
APPROVAL					
TOLERANCES ARE		TITLE		TYPE-C连接器16PIN立贴H6.5	
30-150	±0.35	ANGLE	PART NO.	LAIL-TYPE-C-16PIN-03Y-LT	
10-30	±0.2			REV.	A
5-10	±0.15			UNITS	mm
0-5	±0.1			DWG.NO.	Projection
					

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