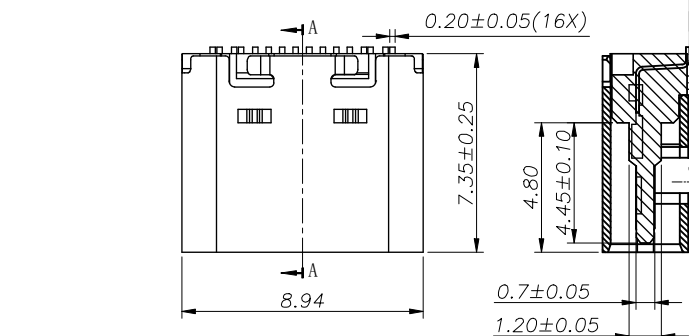




SECTION:A-A

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	vBUS	B9	vBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	vBUS	B4	vBUS
A12	GND	B1	GND

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.TERMINAL: COPPER ALLOY(C18150)

3.MID PLATE: STAINLESS STEEL(SUS301)

4.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

PLATING SPECIFICATIONS FOLLOW THE P/N

2-3.MID PLATE PLATE:

CLEAR ONLY

3.MECHANICAL PERFORMANCE,

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. VOLTAGE RATING: 20V DC/AC (RMS. max)

CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;

1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ

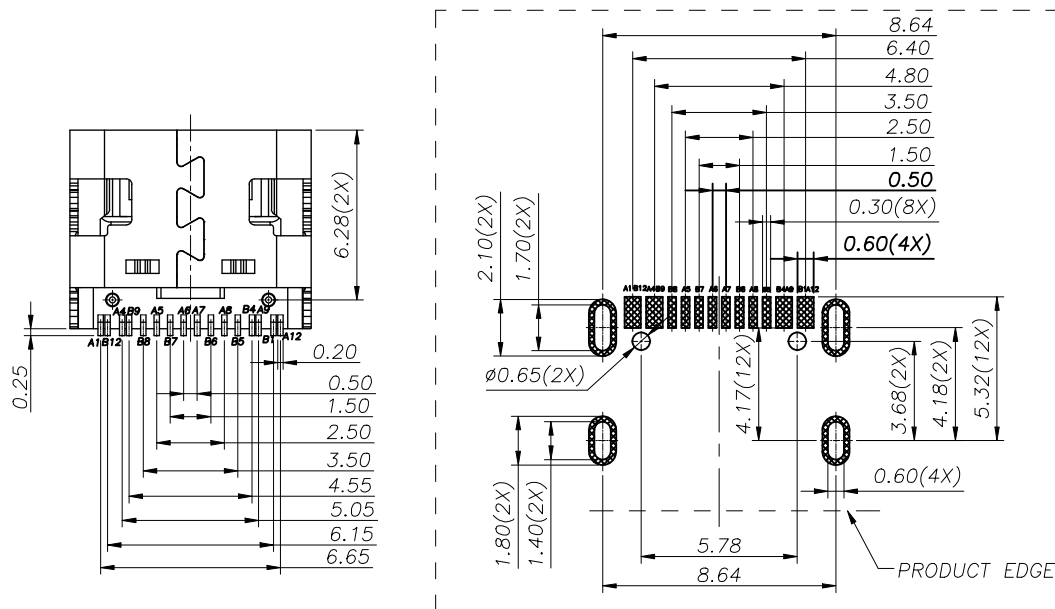
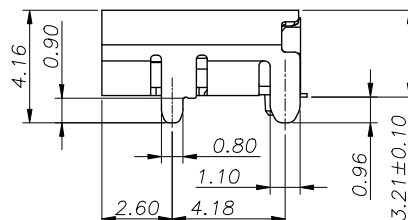
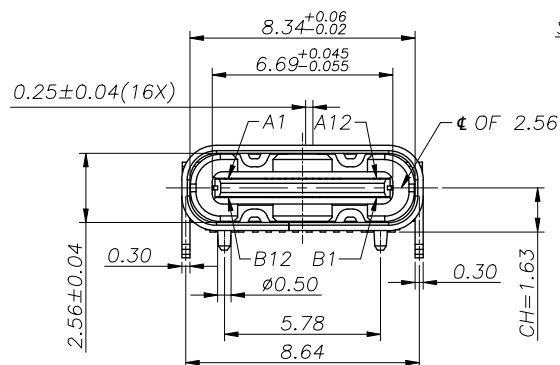
4-3.INSULATION RESISTANCE: 100MΩ MIN

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

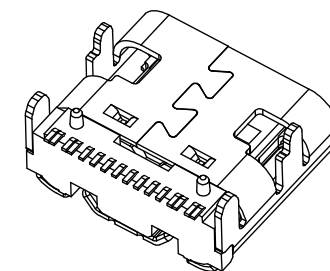
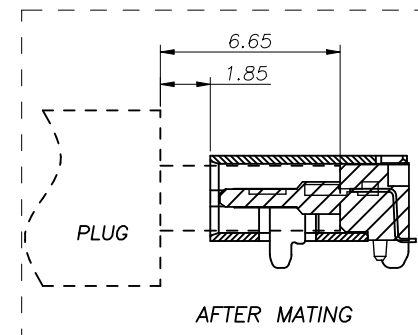
OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

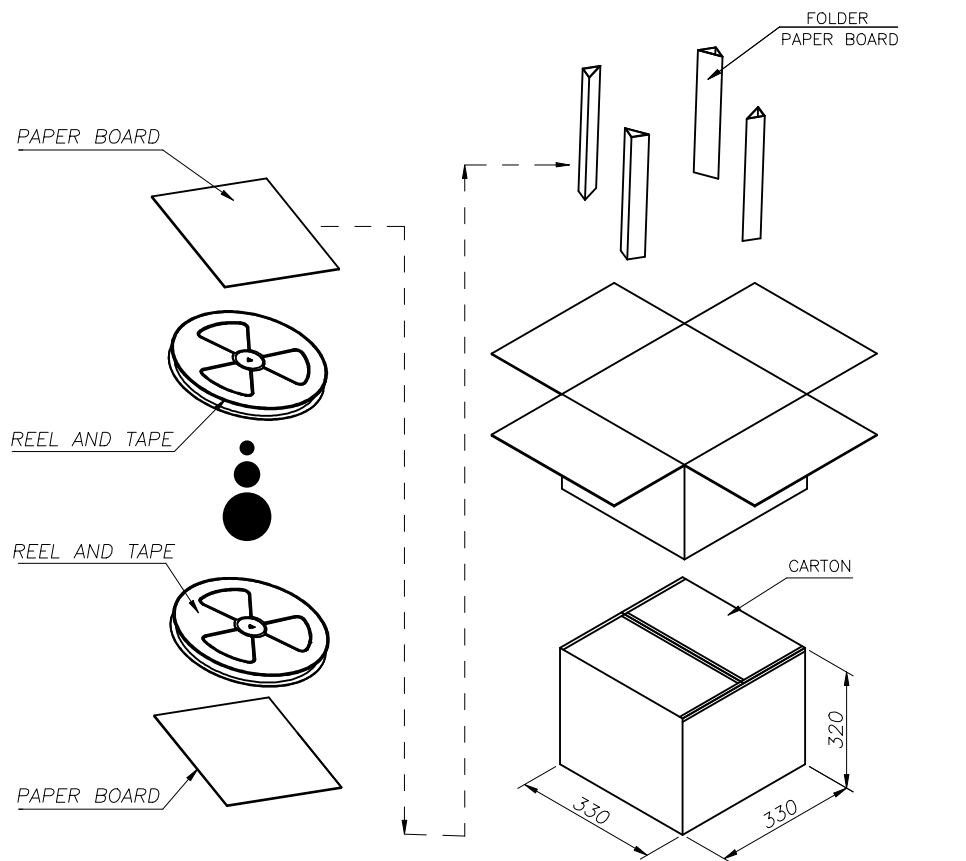
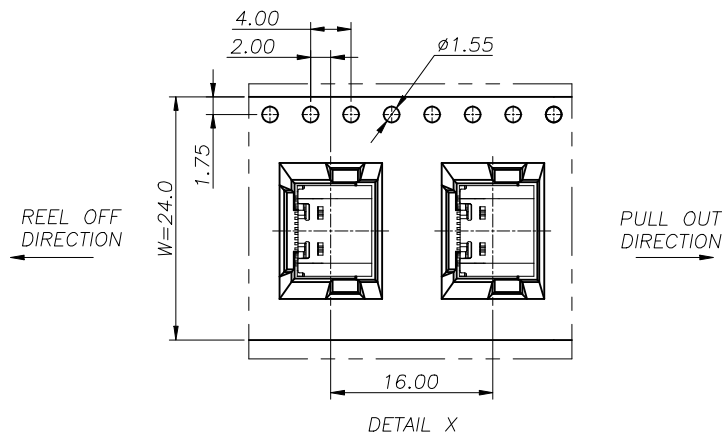
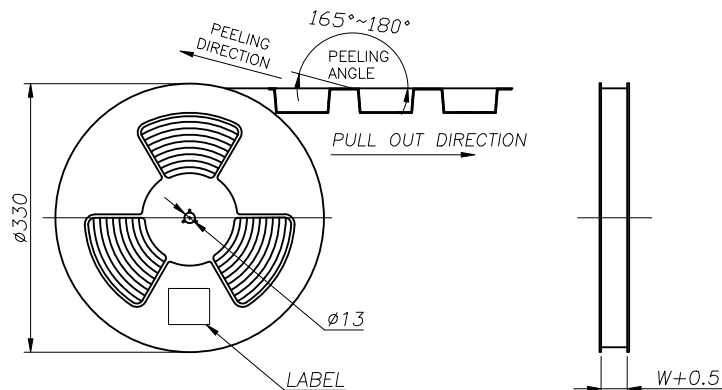
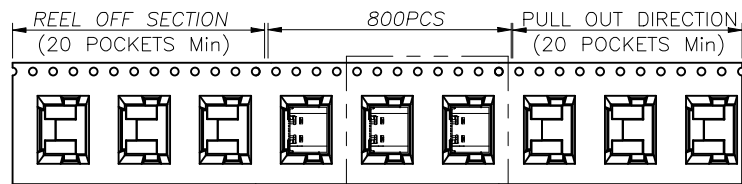


COSTOMER DRAWING		LAILIAN 深圳市莱联电子有限公司				
DRAWING		SHENZHEN LAILIAN ELECTRONICS CO., LTD				
CHECK						
APPROVAL						
TOLERANCES ARE		TITLE	TYPE-C连接器16PIN-卧贴L7.35	REV.	A	
30-150	±0.35	PART NO.	LAIL-TYPE-C-16PIN-01-WT	UNITS	mm	
10-30	±0.2					
5-10	±0.15					
0-5	±0.1					
ANGLE		DWG.NO.		Projection		
±3°						

ROHS

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

NOTE:



	REEL	CARTON
CONNECTOR (PCS)	800	8000

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DRAWING			TITLE TYPE-C连接器16PIN-卧贴L7.35 REV. A		
CHECK					
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			Projection		