

ROHS

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

NOTE:

1.MATERIAL SPECIFICATION:

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

2.TERMINAL: COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

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:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID 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:5 V 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.

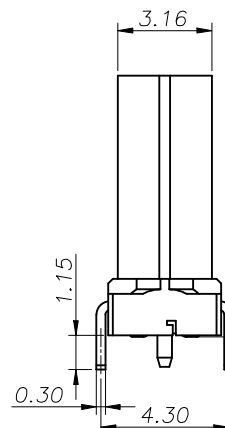
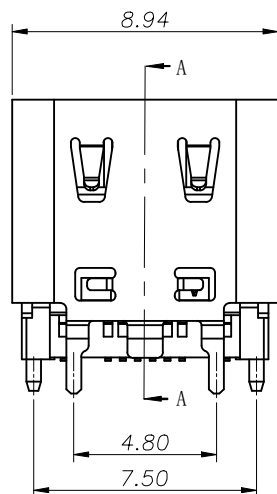
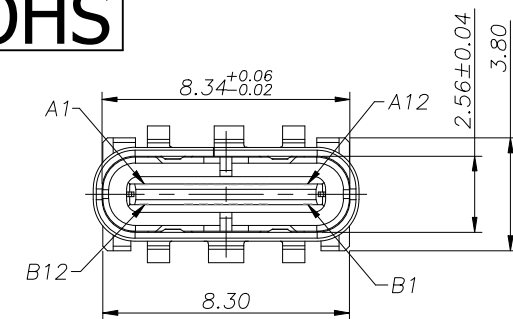
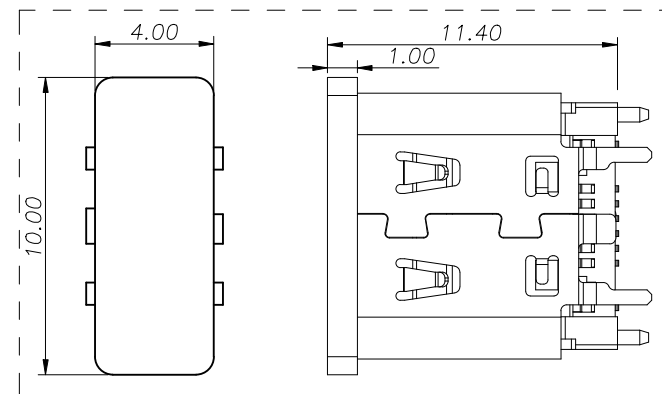
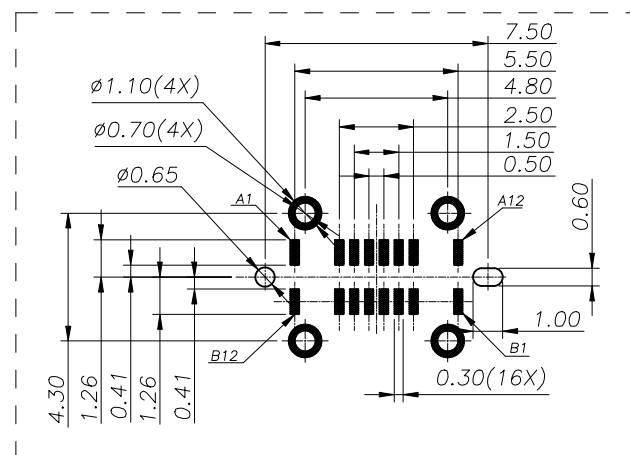
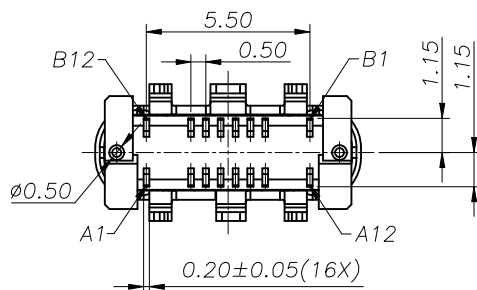
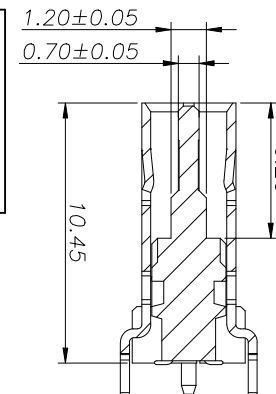
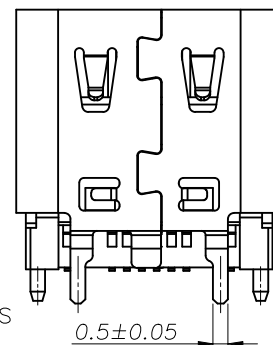
CAP

SECTION:A-A

RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±0.05

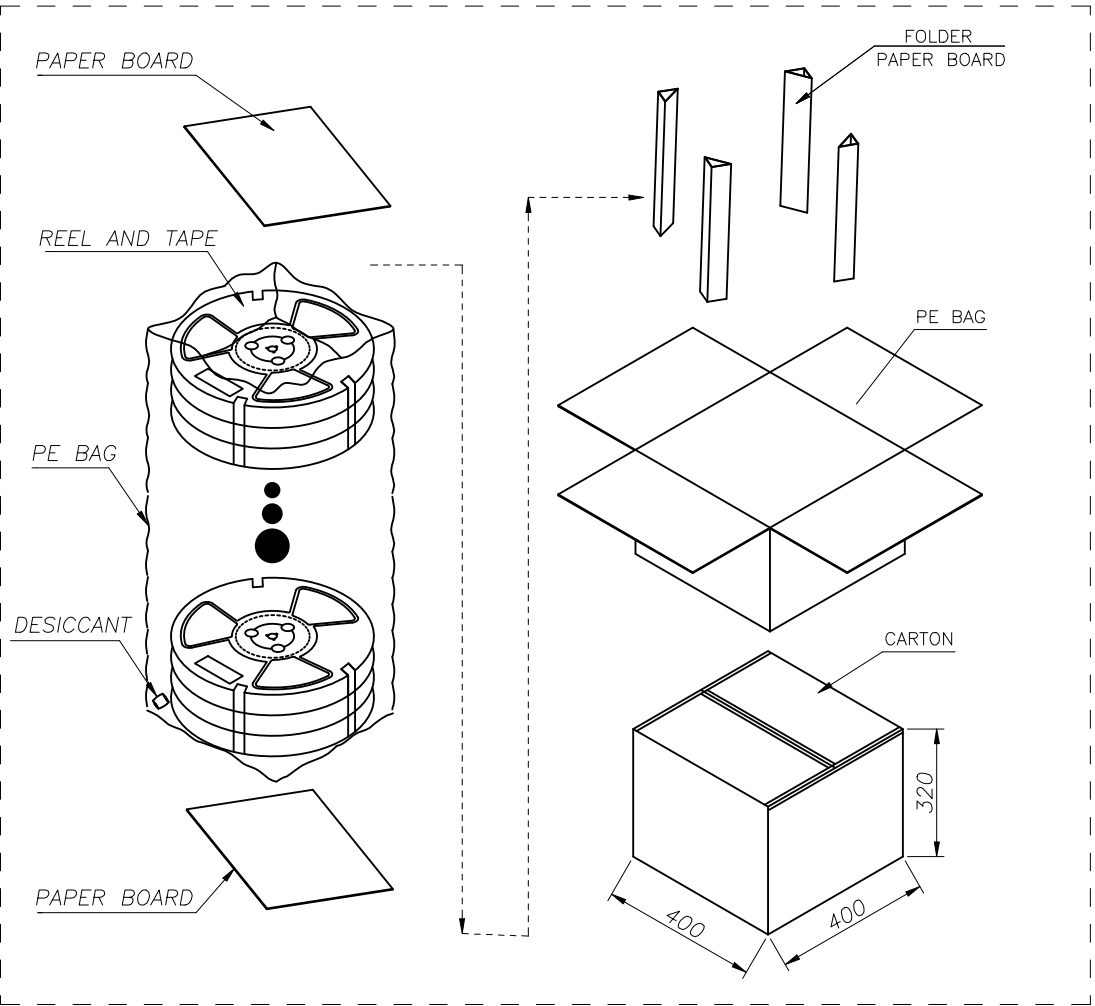
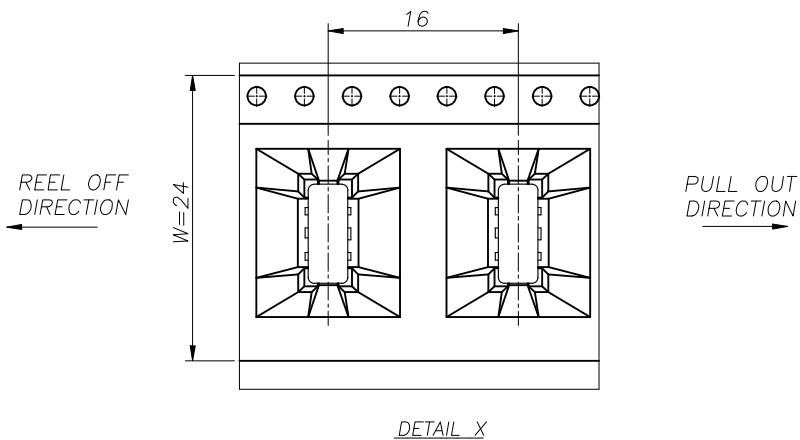
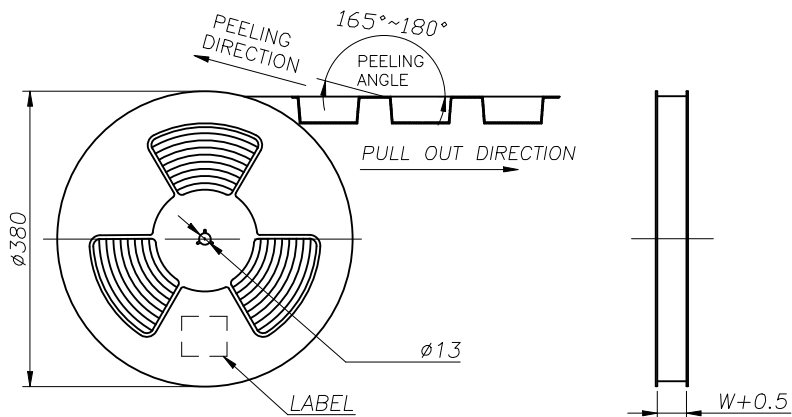
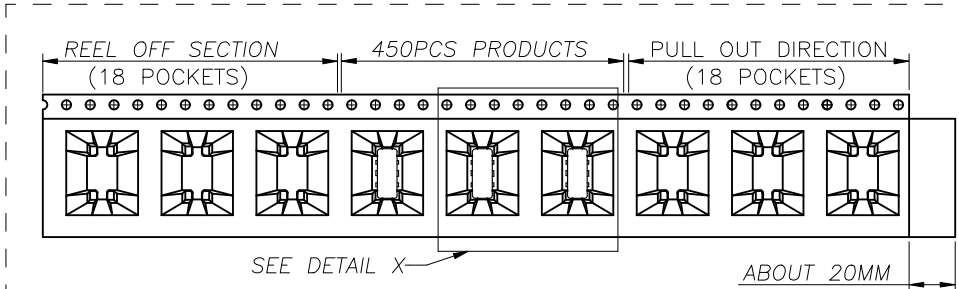
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			V _{BUS}	CC1	D+	D-	SBU1	V _{BUS}			GND
GND			V _{BUS}	SBU2	D-	D+	CC2	V _{BUS}			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

0.10
ALL CONTACTS

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16PIN-立贴H10.45	REV.	A
30-150	±0.35	PART NO.	LAIL-TYPE-C-16PIN-02-LT	UNITS	mm
10-30	±0.2	DWG.NO.		Projection	
5-10	±0.15				
0-5	±0.1				

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30-150	±0.35	PART NO.	LAIL- <u>TYPE-C</u> -16PIN-02-LT	UNITS	mm		
10-30	±0.2						
5-10	±0.15						
0-5	±0.1						
		ANGLE					
		±3°					
		DWG.NO.	Projection				