

ROHS

一体成型无焊点无拼接缝

WITH COVER

DETAIL A
SCALE:2:1

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:PA9T,UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY(SEE P/N)
 - 3.LATCH: STAINLESS STEEL(SUS301)
 - 4.FRONT SHELL: STAINLESS STEEL(SUS316)
 - 5.EMI SPRING: STAINLESS STEEL(SUS301)
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
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&LATCH:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.EMI SPRING:
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. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/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.MANUAL SOLDERING
TERMINAL WELDING AREA TEMPERATURE:350 ± 10°C ,
IMMERSION DURATION : 3.5 ± 0.5 SEC

RECOMMENDED PCB LAYOUT
DEFAULT TOLERANCE:±0.05

COSTOMER DRAWING

DRAWING

CHECK

APPROVAL

TOLERANCES ARE

30-150 ±0.35

10-30 ±0.2

5-10 ±0.15

0-5 ±0.1

ANGLE

±3°

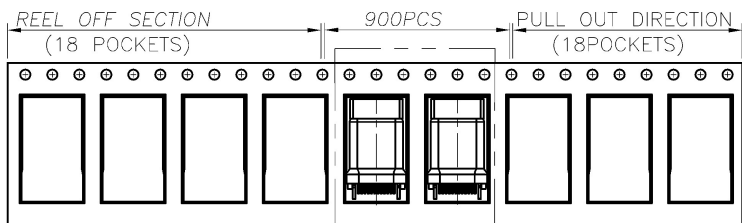
LAILAN 深圳市莱联电子有限公司
SHENZHEN LAILIAN ELECTRONICS CO., LTD

TITLE TYPE-C连接器24PIN-夹板H10.9 REV. A

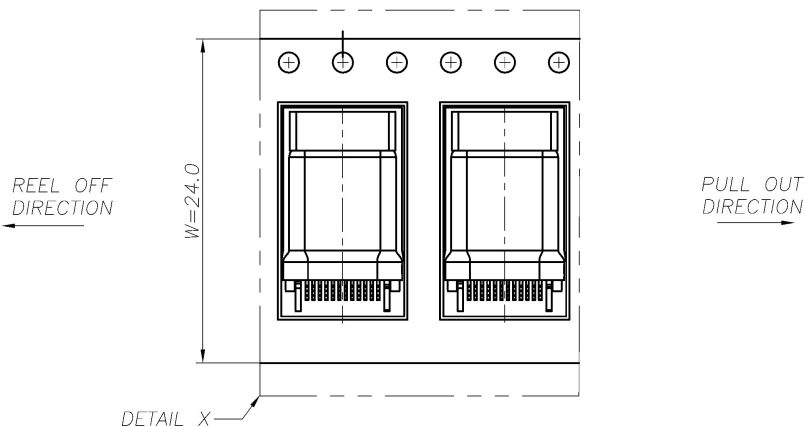
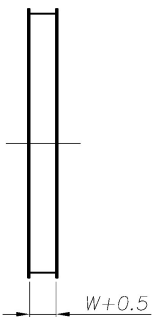
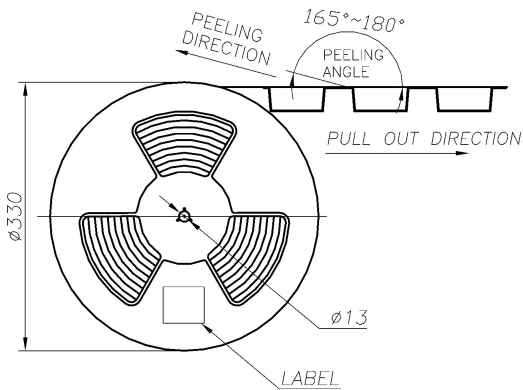
PART NO. LAIL-TYPE-C-24PIN-01-JB UNITS mm

DWG.NO. Projection

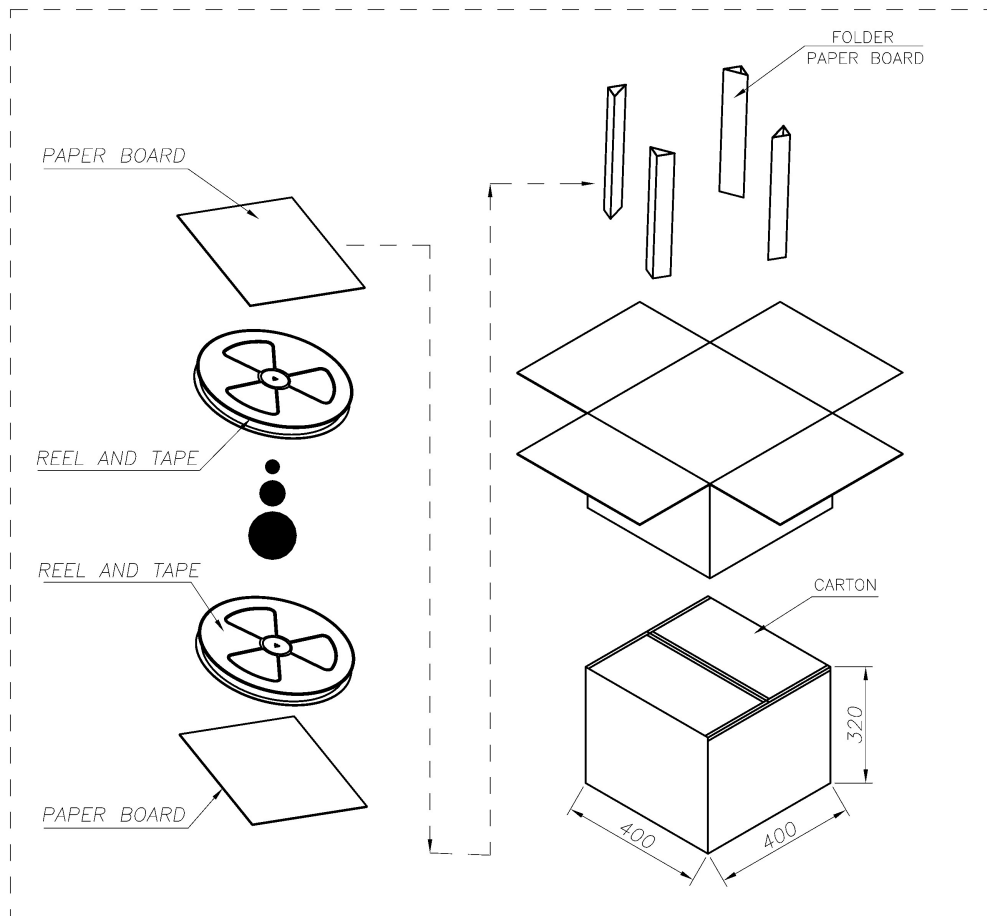
ROHS



SEE DETAIL X



REV.	ECN NO.	DESCRIPTION	DRAW	DATE



	REEL/TRAY	CARTON
CONNECTOR (PCS)	900	9000

COSTOMER DRAWING		LAILIAN 深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO., LTD			
DRAWING		TITLE TYPE-C连接器24PIN-夹板H10.9 REV. A			
CHECK					
APPROVAL					
TOLERANCES ARE		PART NO.	LAIL-TYPE-C-24PIN-01-JB	UNITS	mm
30-150	±0.35	ANGLE ±3°	DWG.NO.		
10-30	±0.2				
5-10	±0.15				
0-5	±0.1				
		Projection 			