

ROHS

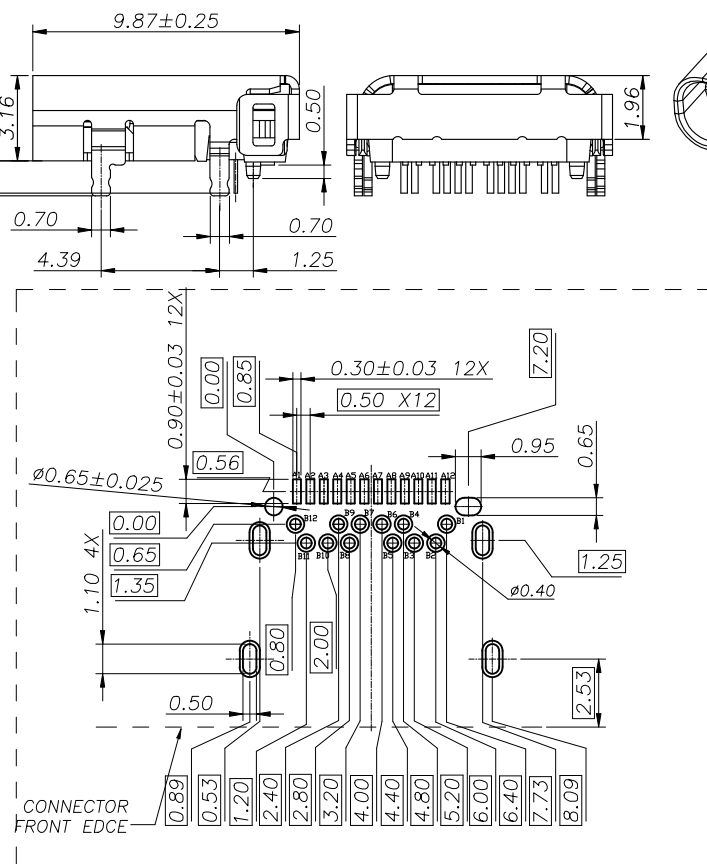
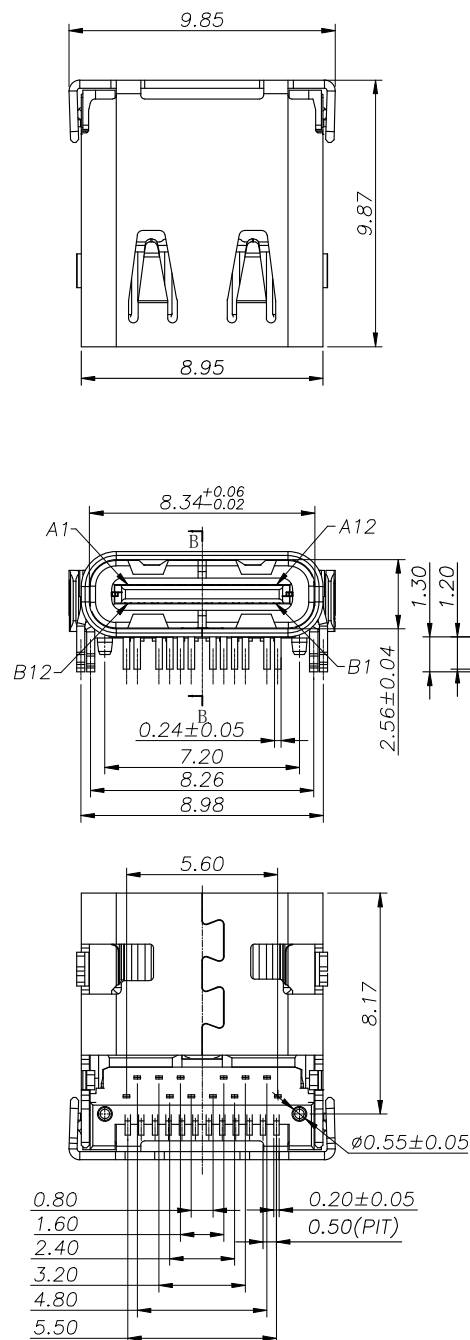
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1+	B11	RXp1+
A3	TXn1-	B10	RXn1-
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	RXn2-	B3	TXn2-
A11	RXp2+	B2	TXp2+
A12	GND	B1	GND

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

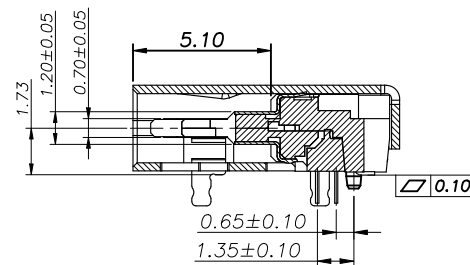
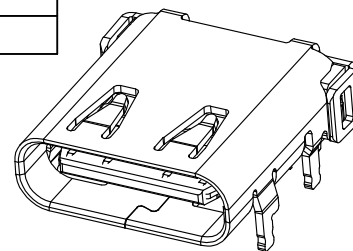
NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
 - 5.EMI PLATE: STAINLESS STEEL
- 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:
PLATING SPECIFICATIONS FOLLOW THE P/N
 - 2-3.MID PLATE&EMI 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. 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.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

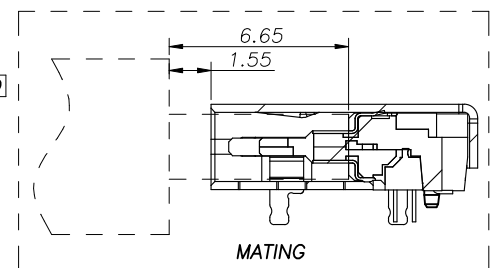
CONNECTOR
FRONT EDGE

RECOMMENDED P.C.B. LAYOUT (T=1.00mm)

TOLERANCE UNSPECIFIED ±0.05mm



SECTION B-B

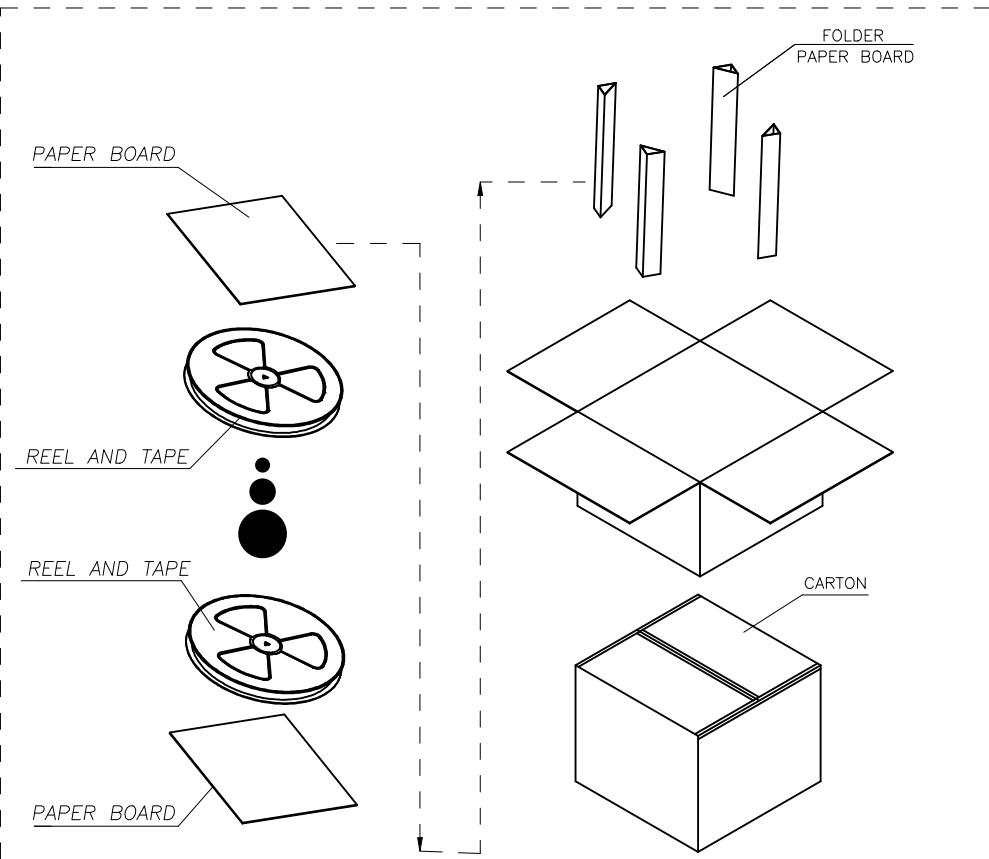
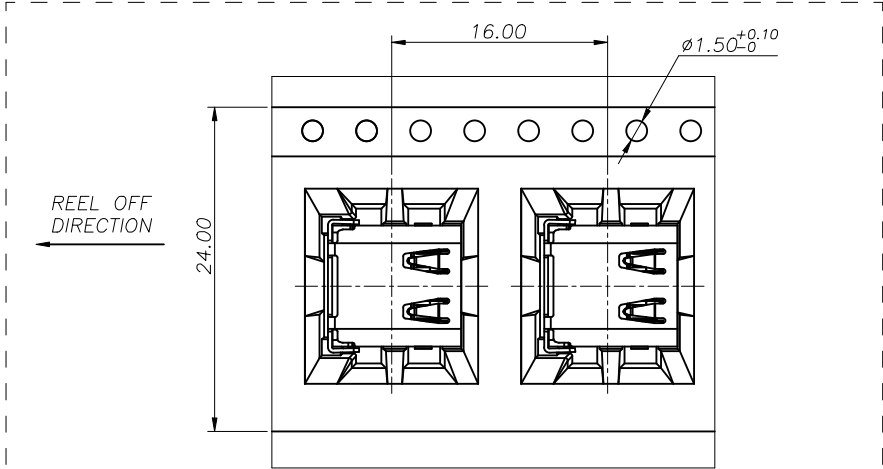
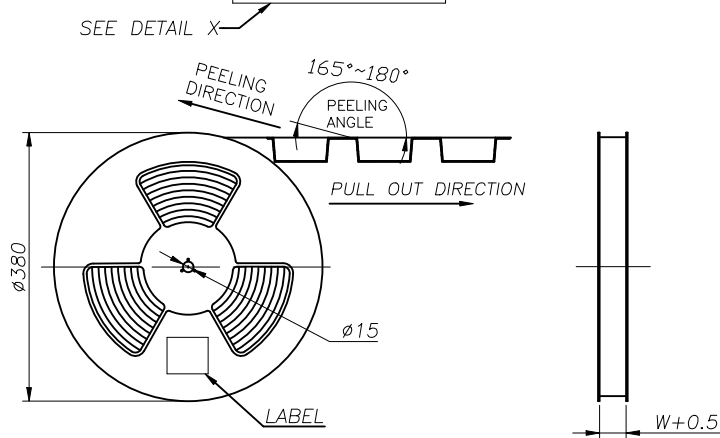
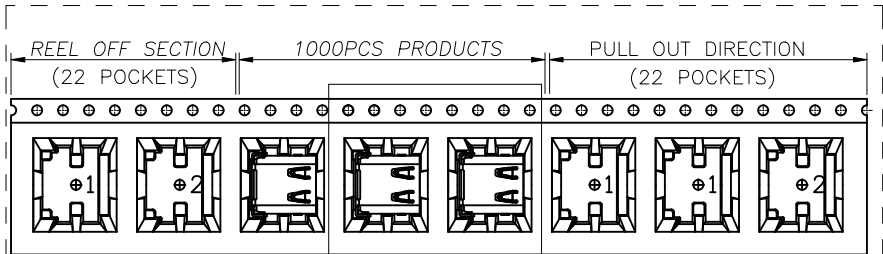


MATING

COSTOMTER DRAWING		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24PIN-卧贴L9.9	REV.	A	
30-150	±0.35	PART NO.	LAIL-TYPE-C-24PIN-03-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



	REEL/TRAY	CARTON
CONNECTOR (PCS)	1000	10000

COSTOMER DRAWING		 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24PIN-卧贴L9.9	REV.	A		
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0-5	±0.1						
ANGLE		DWG.NO.		Projection			
±3°							