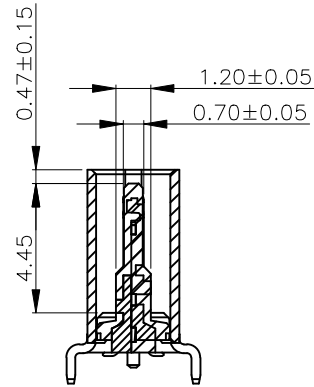
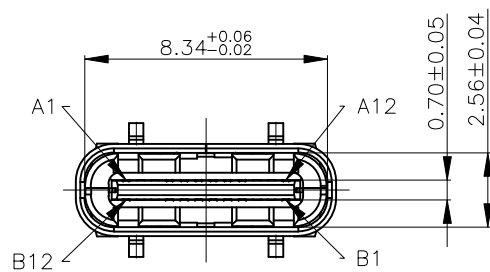
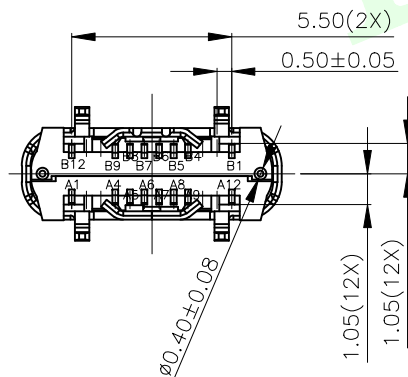
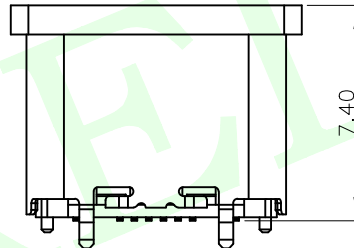
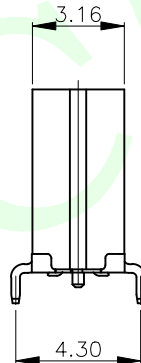
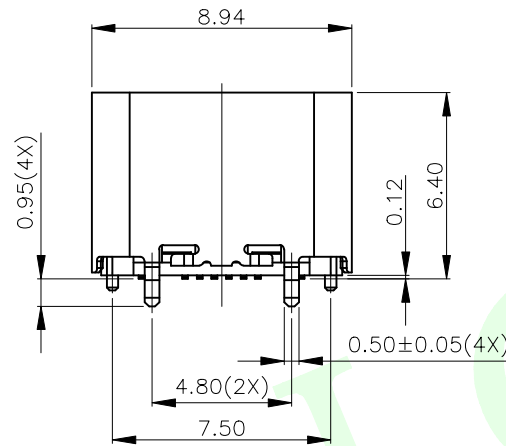
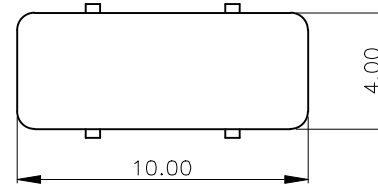


RoHS Compliant



SECTION:A-A



WITH COVER SCHEMATIC

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:LCP,UL94 V-0.
- 2.TERMINAL: COPPER ALLOY(C1814)
- 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:
Ni 50u" 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: 40mA/PIN MAX.
SHIELD: 50mA/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mA.
- 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.

QUADRANT POINT (QP)
TANGENCY POINT (TP)
INTERSECTION POINT (IP)

UNLESS OTHERWISE
SPECIFIED,TOLERANCE:

X. ±0.25
X.x ±0.20
X.xx ±0.15
ANGULAR ±3°

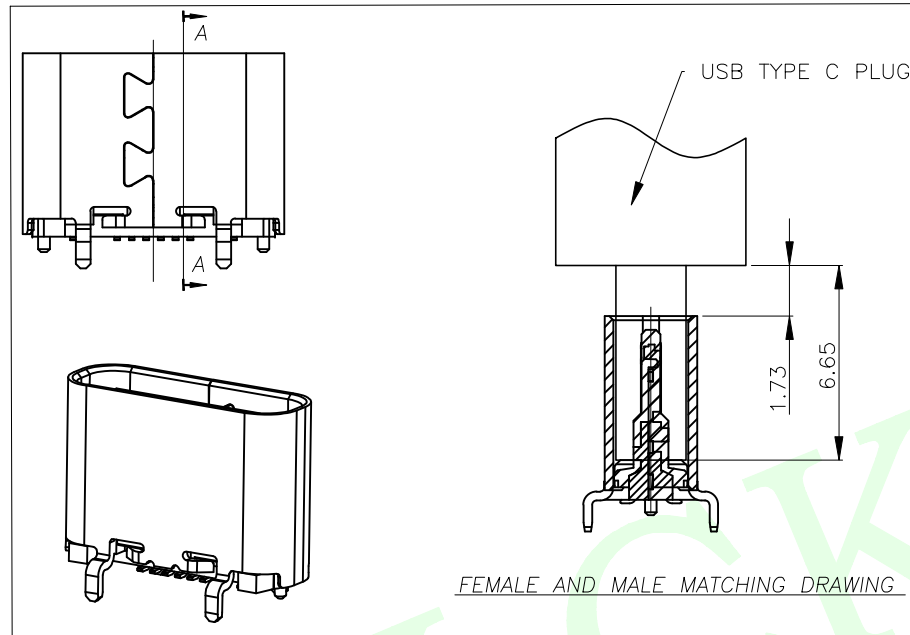
联晟欣连接器（深圳）有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:
CHECKED		DATE		TYPE C 16PIN 母座立贴6.4mm带弹小脚
APPROVED		DATE		LCP,镀金1U
PART NO:	LCK-TCF2171820001-AG3	REV:	04	SCALE: 1:1
DRAWING NO:	2171820001	SIZE:	A4	SHEET: 1/1

RoHS Compliant

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

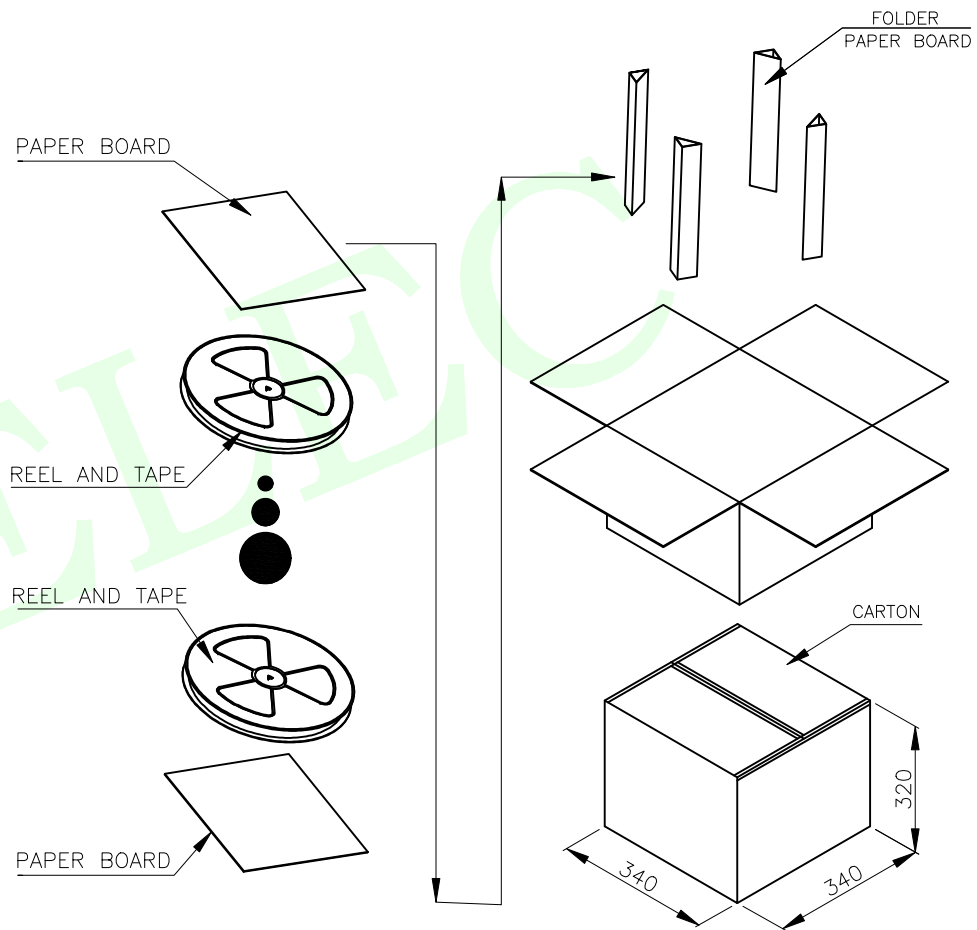
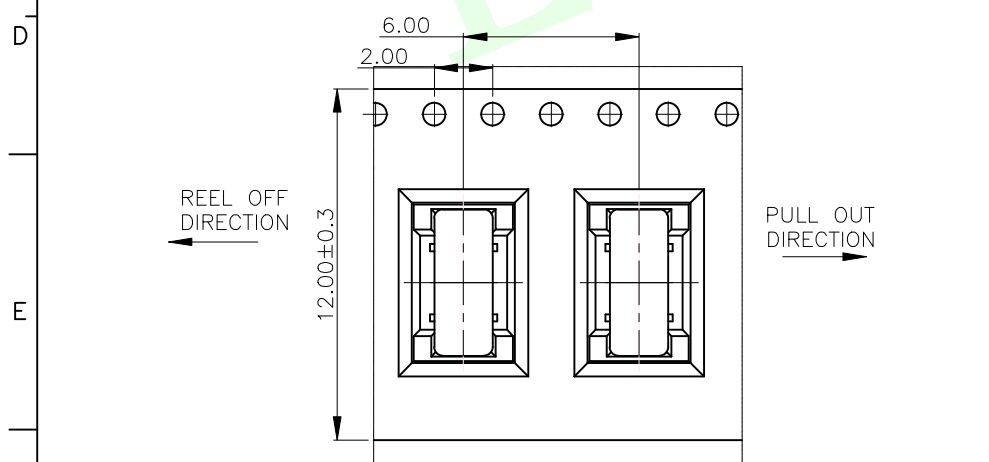
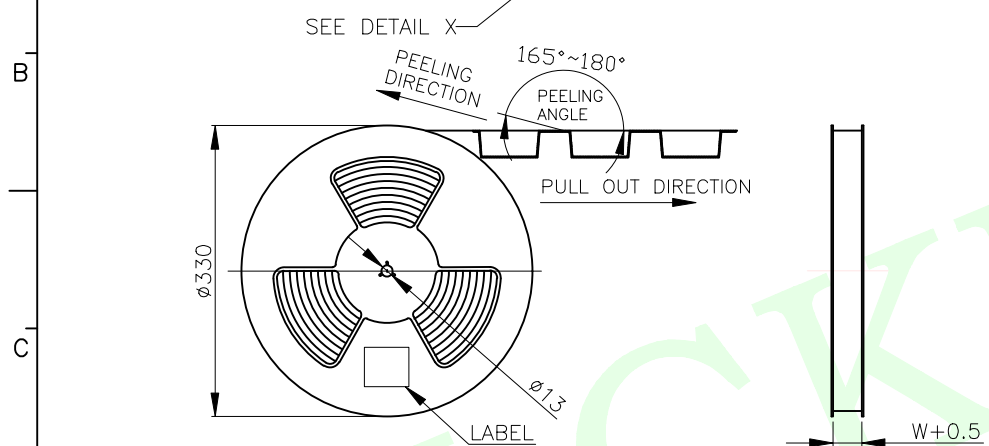
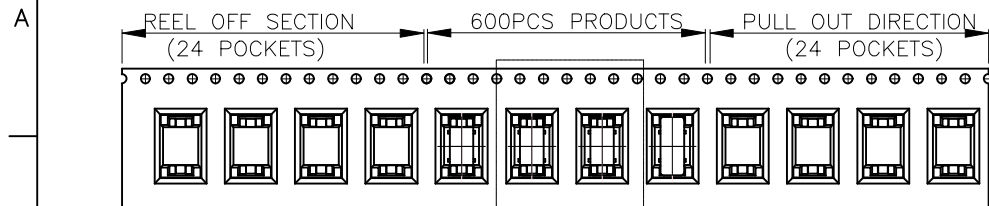


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

QUADRANT POINT	QP	 联晟欣连接器（深圳）有限公司				
TANGENCY POINT	TP	Lianshengxin Connector (Shenzhen) Co., Ltd				
INTERSECTION POINT	IP					
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN	Andy	DATE	2014.12.24	TITLE:
X. ±0.25		CHECKED		DATE		TYPE C 16PIN 母座立贴6.4mm带弹小脚 LCP,镀金1U
X.x ±0.20		APPROVED		DATE		
X.xx ±0.15		PART NO: LCK-TCF2171820001-AG3				REV: 04
ANGULAR ±3°		DRAWING NO: 2171820001				SCALE: 1:1
		SIZE: A4				UNIT: mm
		SHEET: 1/1				

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		REEL/TRAY		CARTON	
CONNECTOR (PCS)		600		6000	
QUADRANT POINT (QP) TANGENCY POINT (TP) INTERSECTION POINT (IP)		 联晟欣连接器（深圳）有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd			
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN	Andy	DATE	2014.12.24
X. ±0.25		CHECKED		DATE	
X.x ±0.20		APPROVED		DATE	
X.xx ±0.15		PART NO: LCK-TCF2171820001-AG3			TITLE: TYPE C 16PIN 母座立贴6.4mm带弹小脚 LCP,镀金1U
ANGULAR ±3°		DRAWING NO: 2171820001			REV: 04
					SCALE: 1:1
					UNIT: mm
					SHEET: 1/1
					