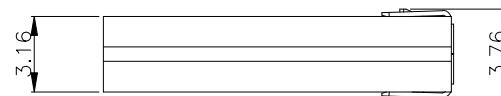
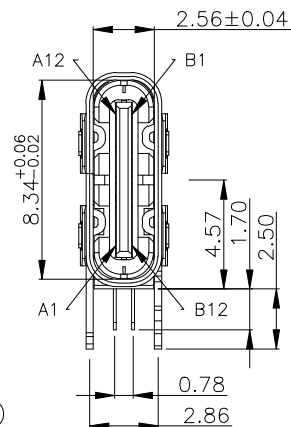
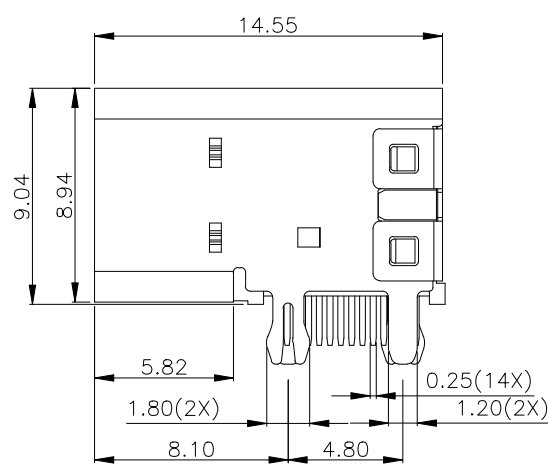


RoHS Compliant



USB TYPE-C PIN ASSIGNMENTS

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

成品料号	针长规格
LCK-TCF2169890001-AG3	针长1.7mm
LCK-TCF2169890001-BG3	针长2.0mm

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)
 - 5.COVER: 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 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE&COVER:

- 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:

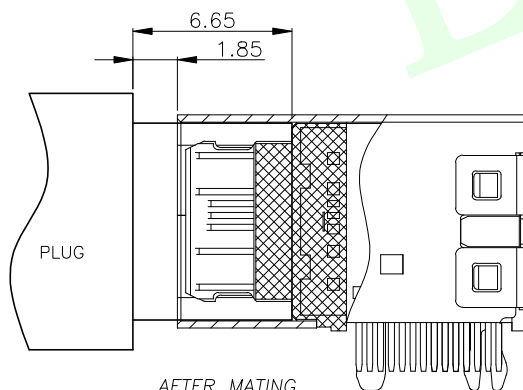
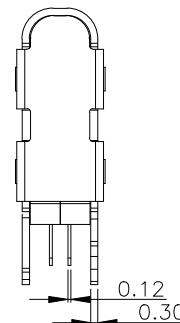
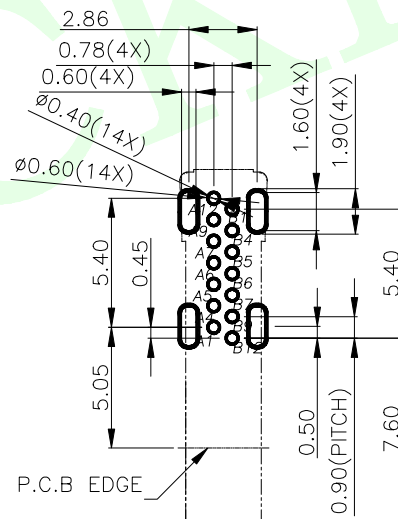
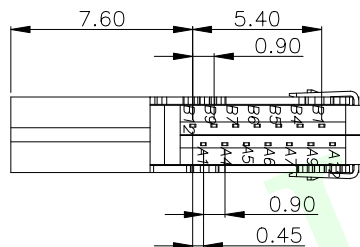
- VBUS & GND PINS AND OTHER PINS: 40ms/PIN MAX.
- SHIELD: 50ms/MAX.
- LLCR MAX. CHANGE OF ALL PINS: 10ms.
- 4-3.INSULATION RESISTANCE: 100MΩ MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

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.



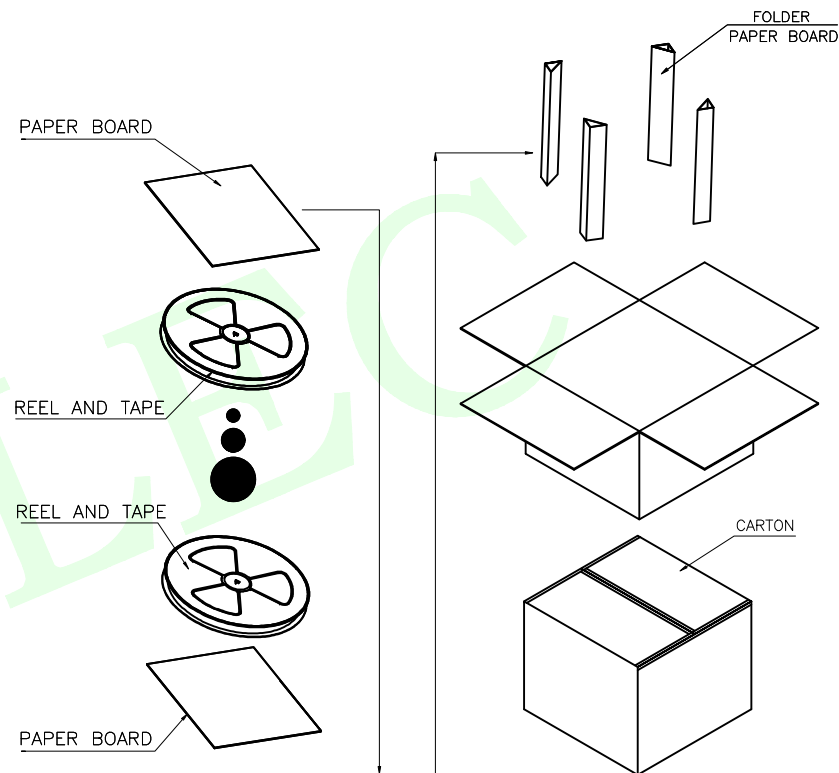
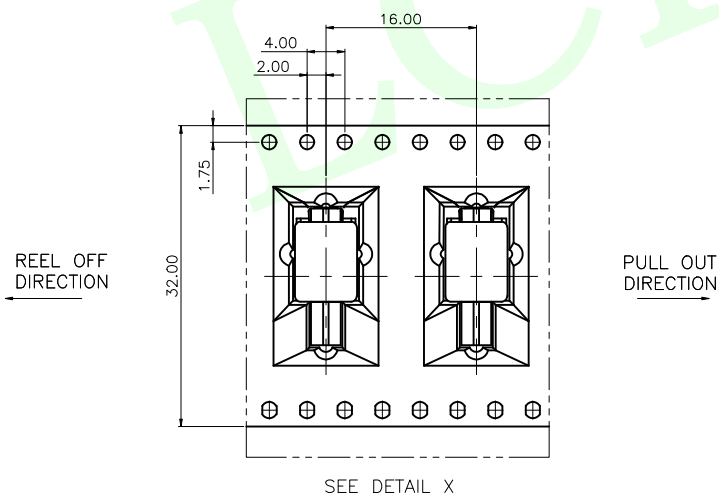
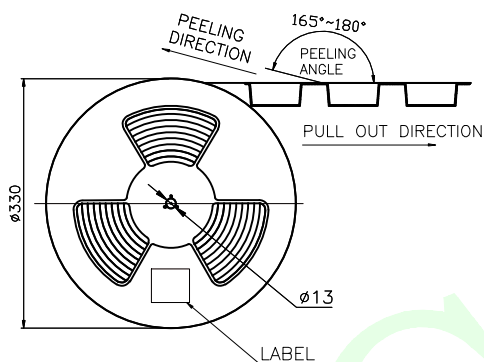
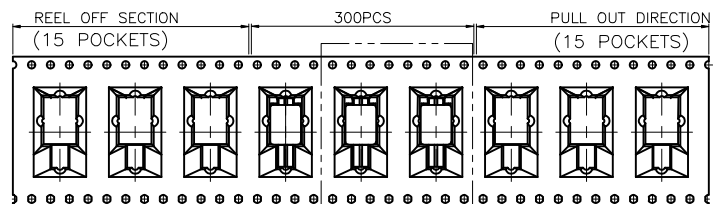
P.C.B EDGE
CONNECTOR EDGE

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.6±0.10MM;DEFAULT TOLERANCE:±0.05

MEASURE POINT:	
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		USB CF 14PIN侧插 FLAG TYPE		
APPROVED		DATE		PA黑镀金3U针长1.7&2.0		
PART NO: LCK-TCF2169890001-AG3				REV: 04	SCALE: 1:1	UNIT: mm
DRAWING NO:				SIZE: A4	SHEET: 1/1	

RoHS Compliant



	TRAY		CARTON	
	CONNECTOR (PCS)			
			300	2400
MEASURE POINT: 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:			TITLE: USB CF 14PIN侧插 FLAG TYPE PA黑镀金3U针长1.7&2.0	
X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°	DESIGN	Andy	DATE	2014.12.24
	CHECKED		DATE	
	APPROVED		DATE	
	PART NO: LCK-TCF2169890001-AG3		REV: 04	SCALE: 1:1
	DRAWING NO:		SIZE: A4	SHEET: 1/1
			UNIT: mm	