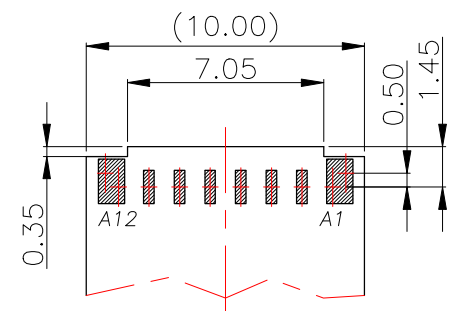
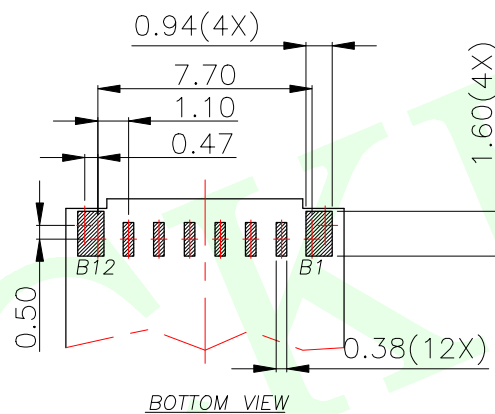
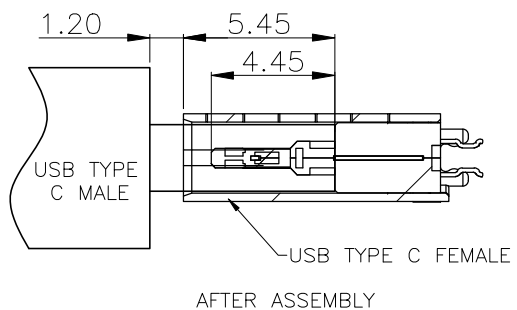
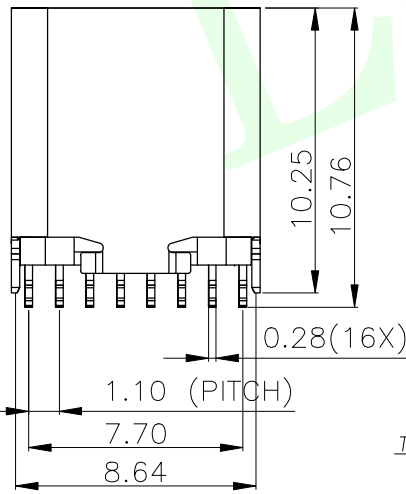
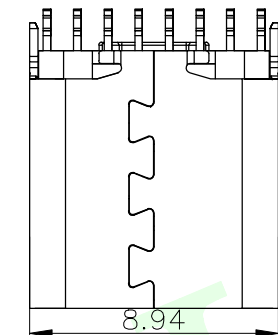
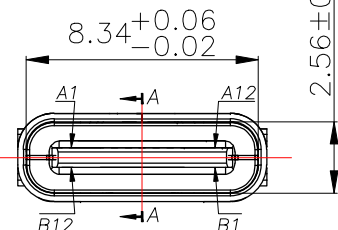
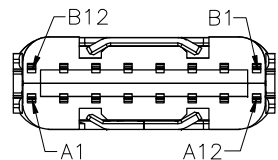
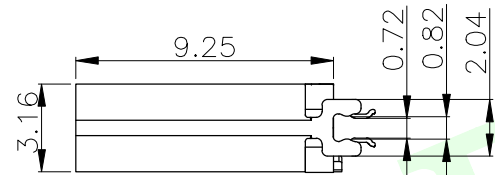


RoHS Compliant

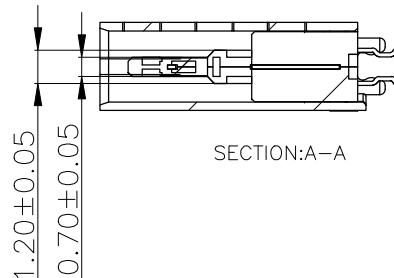


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS SEE TABLE1;DEFAULT TOLERANCE:±0.05



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



SECTION:A-A

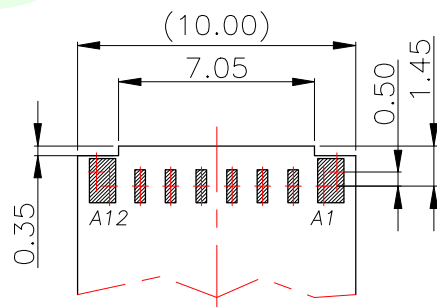
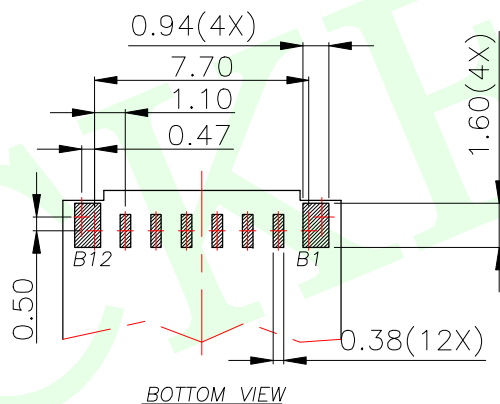
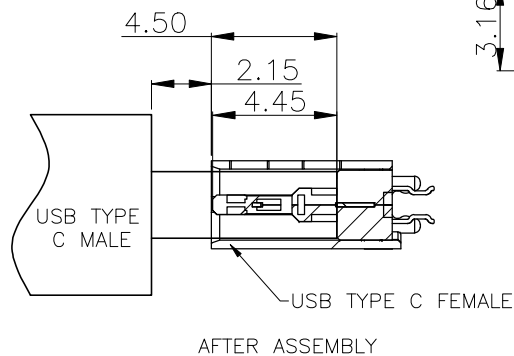
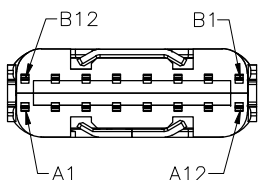
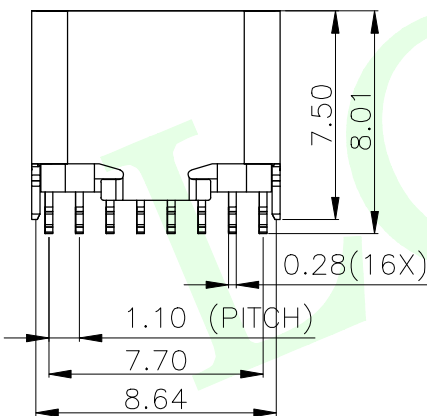
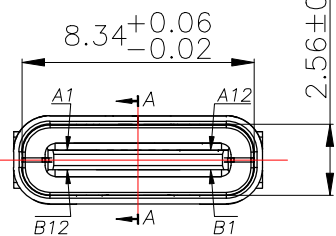
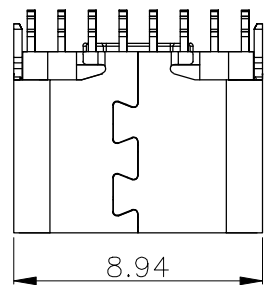
联晟欣
LCK
产品类别
TCF:TYPE C母头
TCM:TYPE C公头
产品流水料号识别码

LCK-TCF 821 - LXXX W L- G1
壳长
L65:6.5
L925:9.25
有柱无柱
Y: 有柱
W: 无柱
电镀规格
G1: 1U
G3: 3U
(以此类推)
包装方式
L:圆盘
B:吸塑盒
T:管装

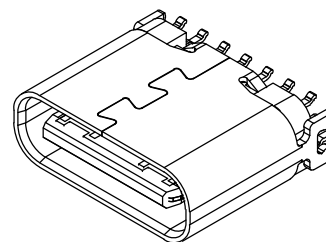
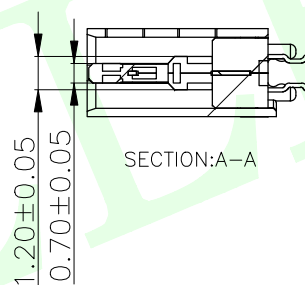
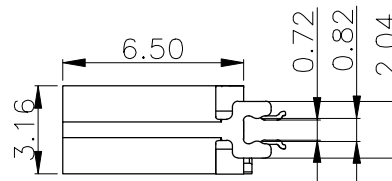
- NOTE:
- MATERIAL SPECIFICATION:
 - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - CONTACTS: COPPER ALLOY(SEE P/N)
 - MID PLATE: STAINLESS STEEL(SUS301)
 - FRONT SHELL: STAINLESS STEEL(SUS304)
 - PLATING SPECIFICATION:
 - TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
CLEAR ONLY
 - MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE,
 - CURRENT RATING:SEE P/N
VOLTAGE RATING:5.0V
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mA.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
 - IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

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		USB CF SPLINT CONN L=6.5&9.25
X.x	±0.20	APPROVED		DATE		16PIN PCB=0.8
X.xx	±0.15	PART NO: LCK-TCF821-LXXXWL-G1				REV: 04
ANGULAR	±3°	DRAWING NO: 102022127				SCALE: 1:1
						UNIT: mm
						SIZE: A4
						SHEET: 1/1

RoHS Compliant



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS SEE TABLE1;DEFAULT TOLERANCE:±0.05



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS: COPPER ALLOY(SEE P/N)
- 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 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. CURRENT RATING:SEE P/N
VOLTAGE RATING:5.0V
- 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mA/PIN 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.

USB TYPE-C PIN ASSIGNMENTS

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A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

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 SPLINT CONN L=6.5&9.25
APPROVED		DATE		16PIN PCB=0.8
PART NO:	LCK-TCF821-LXXXWL-G1	REV:	04	SCALE: 1:1
DRAWING NO:	102022127	SIZE:	A4	SHEET: 1/1

