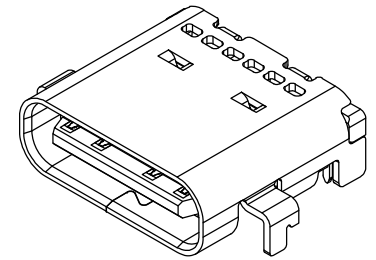


RoHS Compliant



NOTES:

- MECHANICAL PERFORMANCE,
  - 1-1.INSERTION FORCE: 5N~20N.
  - 1-2.REMOVAL FORCE: 5N~20N.
  - 1-3.DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - 2-1. CURRENT RATING: 5.0A
  - 2-2. LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.SHIELD: 50mΩ/MAX.
  - 2-3.INSULATION RESISTANCE: 100MΩ MIN
  - 2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -25℃~+85℃.

LCK-TCF 913 - CXXX W L- G1

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

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

有柱无柱  
Y: 有柱  
W: 无柱

沉板深度  
C08: 0.8  
C10: 1.0  
C16: 1.6

⑥	EMI PLATE	1 PCS	STAINLESS STEEL T=0.10	
⑤	MID PLATE	1 PCS	STAINLESS STEEL T=0.15	Soldering Plating: Sn
④	SHELL	1 PCS	STAINLESS STEEL T=0.3	Ni
③	TERMINAL 2(12Pin)	1SET	COPPER ALLOY T=0.15	Under Plating: Ni Contact Plating: Au
②	TERMINAL 1(12Pin)	1SET	COPPER ALLOY T=0.15	Soldering Plating: Au
①	HOUSING	1 PCS	HIGH TEMP.THERMOPLASTIC UL94V-0	See item No
NO.	PART NAME	QTY.	MATERIAL	REMARK

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

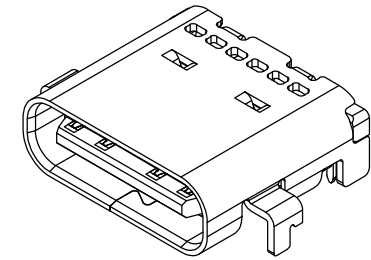
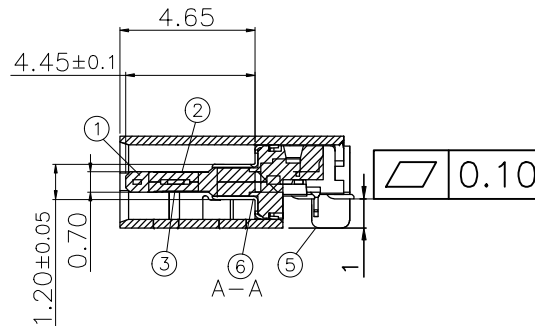
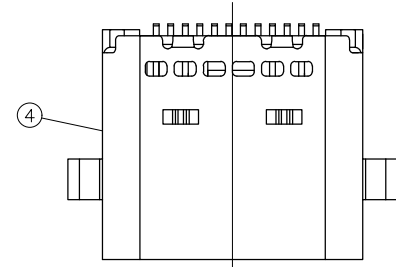
DESIGN Andy DATE 2014.12.24 TITLE: USB C F TYPE C 24PIN 双排沉板 0.8/1.0/1.6  
CHECKED DATE  
APPROVED DATE  
PART NO: LCK-TCF913-CXXXWL-G1 REV: 04 SCALE: 1:1 UNIT: mm  
DRAWING NO: SIZE: A4 SHEET: 1/1

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

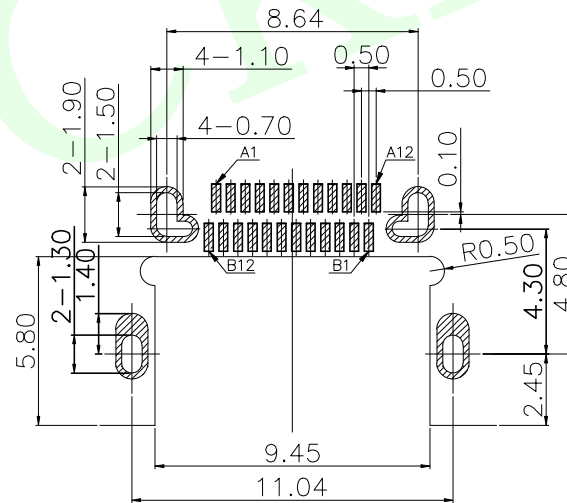
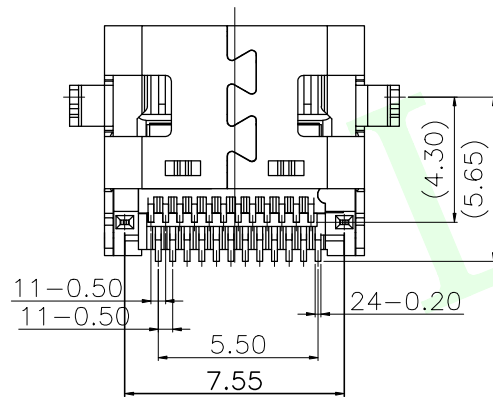
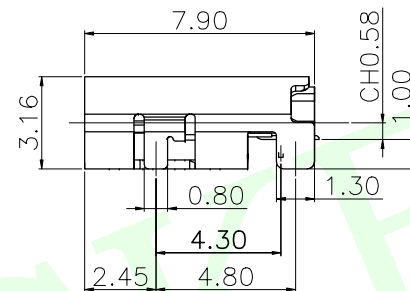
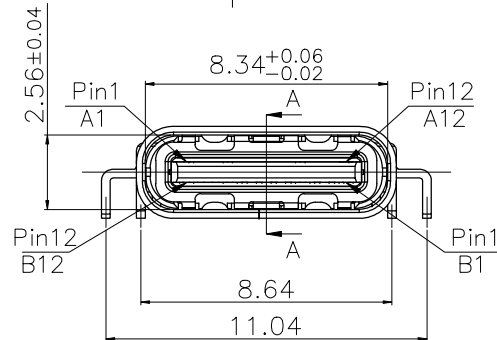
RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

RoHS Compliant



NOTES:

- MECHANICAL PERFORMANCE,  
1-1.INSERTION FORCE: 5N~20N.  
1-2.REMOVAL FORCE: 5N~20N.  
1-3.DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,  
2-1. CURRENT RATING: 5.0A  
2-2. LLCR:VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.SHIELD: 50mΩ/MAX.  
2-3.INSULATION RESISTANCE: 100MΩ MIN  
2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -25°C~+85°C.



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

RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

LCK-TCF 913 - CXXX W L- G1

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

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

有柱无柱  
Y: 有柱  
W: 无柱

沉板深度  
C08: 0.8  
C10: 1.0

⑥	EMI PLATE	1 PCS	STAINLESS STEEL T=0.10	
⑤	MID PLATE	1 PCS	STAINLESS STEEL T=0.15	Soldering Plating: Sn
④	SHELL	1 PCS	STAINLESS STEEL T=0.3	Ni
③	TERMINAL 2(12Pin)	1SET	COPPER ALLOY T=0.15	Under Plating: Ni Contact Plating: Au Soldering Plating: Au
②	TERMINAL 1(12Pin)	1SET	COPPER ALLOY T=0.15	
①	HOUSING	1 PCS	HIGH TEMP.THERMOPLASTIC UL94V-0	See item No
NO.	PART NAME	QTY.	MATERIAL	REMARK

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

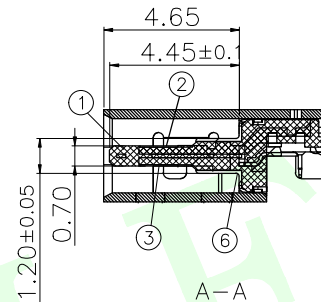
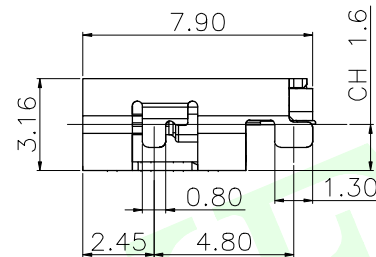
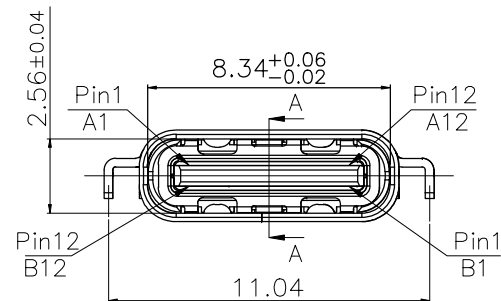
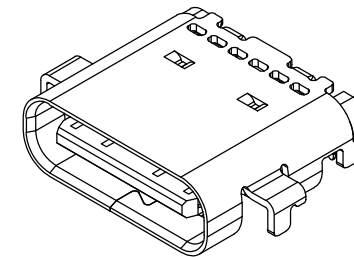
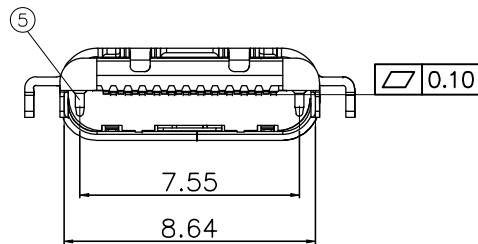
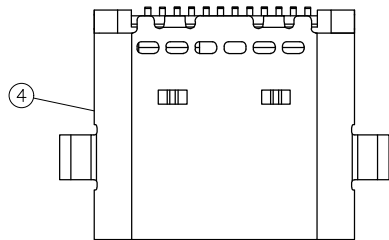
UNLESS OTHERWISE SPECIFIED, TOLERANCE:

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

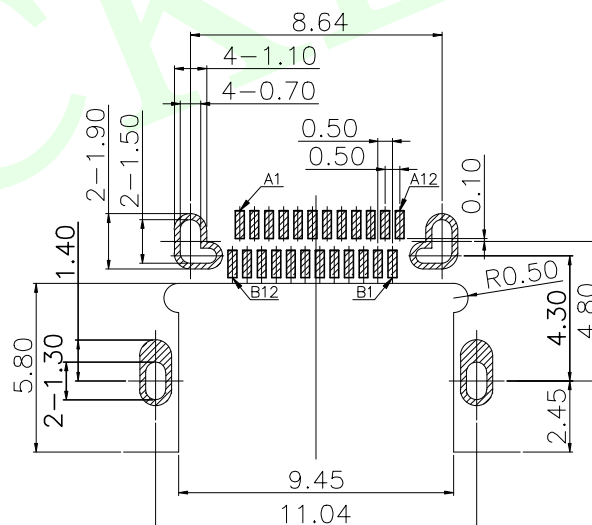
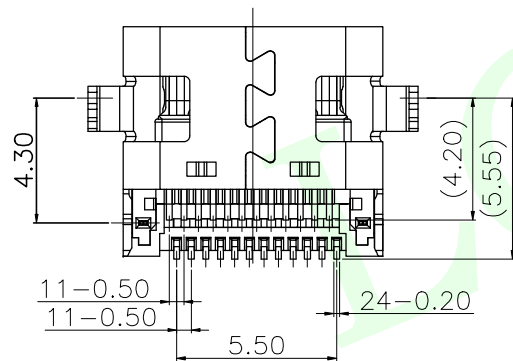
联晟欣连接器(深圳)有限公司  
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:	USB C F TYPE C 24PIN
CHECKED		DATE			双排沉板0.8/1.0/1.6
APPROVED		DATE			
PART NO:	LCK-TCF913-CXXXWL-G1	REV:	04	SCALE:	1:1
DRAWING NO:		SIZE:	A4	SHEET:	1/1

RoHS Compliant



- NOTES:
- MECHANICAL PERFORMANCE,  
1-1.INSERTION FORCE: 5N~20N.  
1-2.REMOVAL FORCE: 5N~20N.  
1-3.DURABILITY: 10000 CYCLES.
  - ELECTRICAL PERFORMANCE,  
2-1. CURRENT RATING: 5.0A  
2-2. LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.SHIELD: 50mΩ/MAX.  
2-3.INSULATION RESISTANCE: 100MΩ MIN  
2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
  - ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -25°C~+85°C.



LCK-TCF 913 - CXXX W L- G1

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

沉板深度  
C08: 0.8  
C10: 1.0

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

USB TYPE-C PIN ASSIGNMENTS

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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

RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

⑥	EMI PLATE	1 PCS	STAINLESS STEEL T=0.10	
⑤	MID PLATE	1 PCS	STAINLESS STEEL T=0.12	Soldering Plating: Sn
④	SHELL	1 PCS	STAINLESS STEEL T=0.3	Ni
③	TERMINAL 2(12Pin)	1SET	COPPER ALLOY T=0.12	Under Plating: Ni Contact Plating: Au Soldering Plating: Au
②	TERMINAL 1(12Pin)	1SET	COPPER ALLOY T=0.12	
①	HOUSING	1 PCS	HIGH TEMP.THERMOPLASTIC UL94V-0	See item No
NO.	PART NAME	QTY.	MATERIAL	REMARK

QUADRANT POINT	GP	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
X.	±0.25	CHECKED		DATE	
X.x	±0.20	APPROVED		DATE	
X.xx	±0.15	PART NO:	LCK-TCF913-CXXXWL-G1	REV:	04
ANGULAR	±3°	DRAWING NO:		SCALE:	1:1
				UNIT:	mm
				SIZE:	A4
				SHEET:	1/1