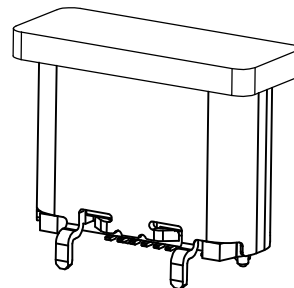
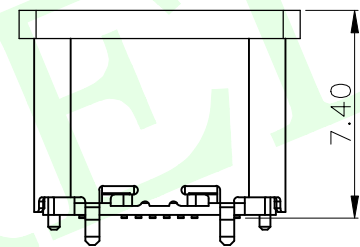
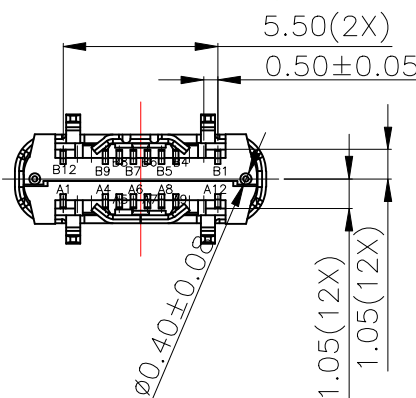
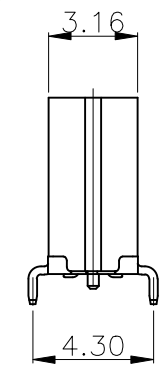
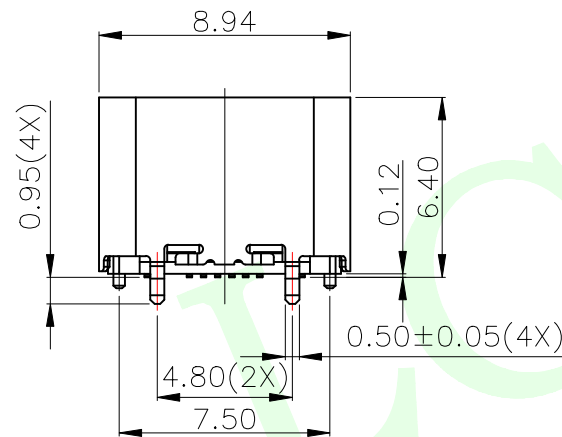
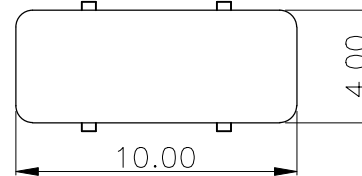
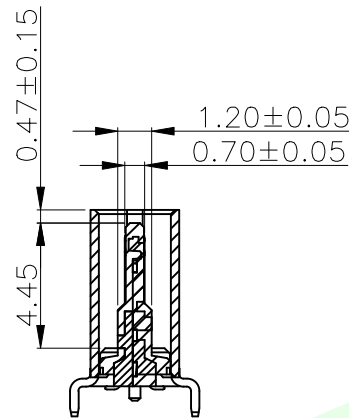
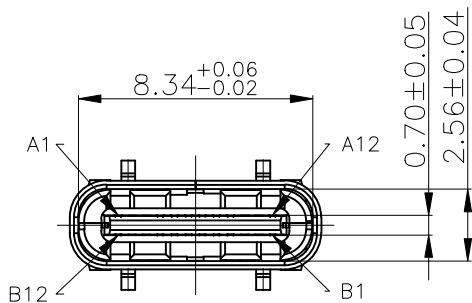


RoHS Compliant



WITH COVER SCHEMATIC

- NOTE:
- MATERIAL SPECIFICATION:
 - HOUSING: LCP, UL94 V-0.
 - TERMINAL: COPPER ALLOY (C1814)
 - 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 50u" 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,
 - 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.
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
SHIELD: 50mA/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.

LCK-TCF 906 - LXXX Y L- G3

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

壳长
L64: 6.4

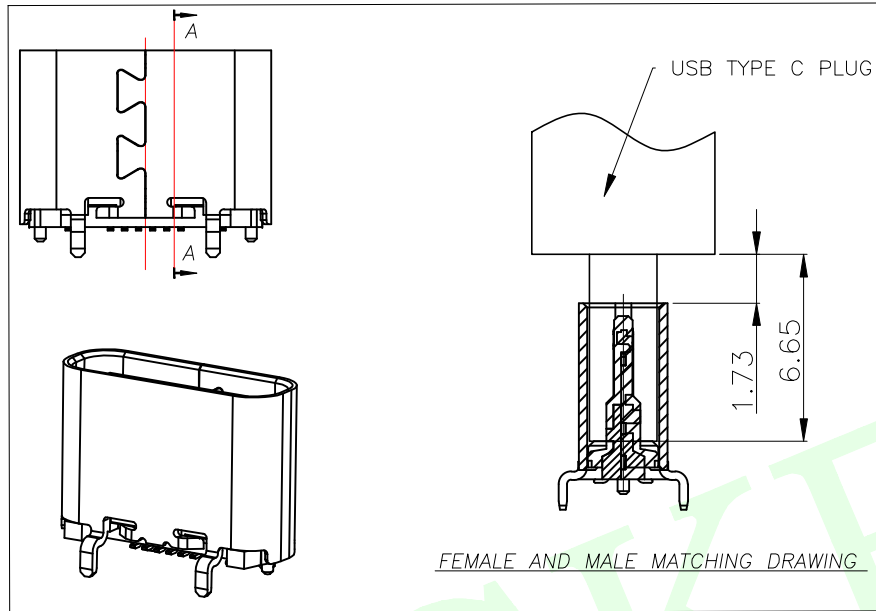
有柱无柱
Y: 有柱
W: 无柱

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

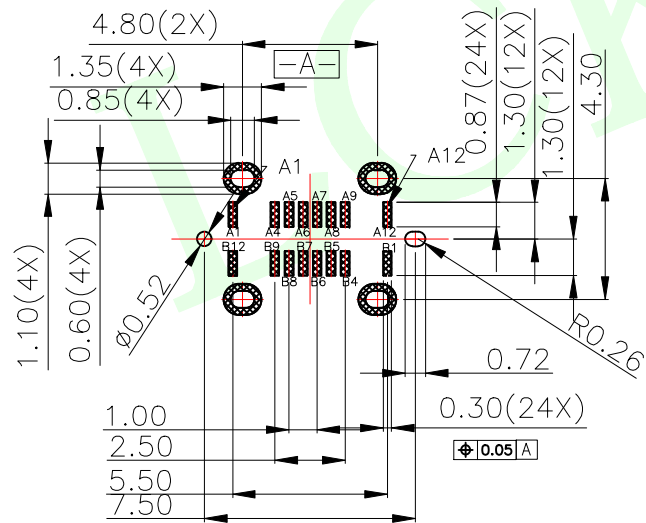
QUADRANT POINT (QP)	DESIGN	Andy	DATE	2014.12.24	TITLE:
TANGENCY POINT (TP)	CHECKED		DATE		TYPE C 24PIN 直立6.4
INTERSECTION POINT (IP)	APPROVED		DATE		
UNLESS OTHERWISE SPECIFIED, TOLERANCE:	PART NO:	LCK-TCF906-L64YL-G3	REV:	04	SCALE: 1:1
X. ±0.25	DRAWING NO:	102022237	SIZE:	A4	SHEET: 1/1
X.x ±0.20			UNIT:	mm	
X.xx ±0.15					
ANGULAR ±3°					

RoHS Compliant



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2		B11	
A3		B10	
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		B3	
A11		B2	
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

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
CHECKED DATE
APPROVED DATE

PART NO: LCK-TCF906-L64YL-G3
DRAWING NO: 102022237

TITLE:
TYPE C 24PIN 直立式6.4

REV: 04 SCALE: 1:1 UNIT: mm
SIZE: A4 SHEET: 1/1