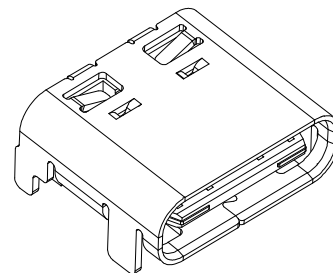
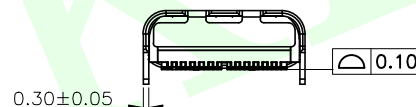
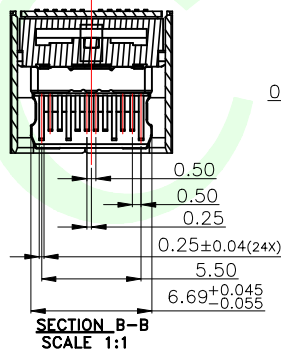
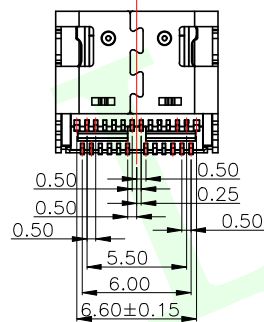
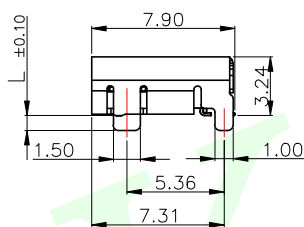
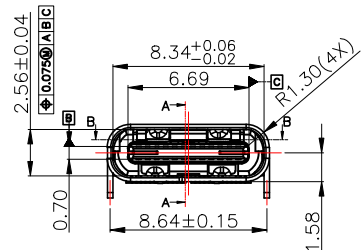
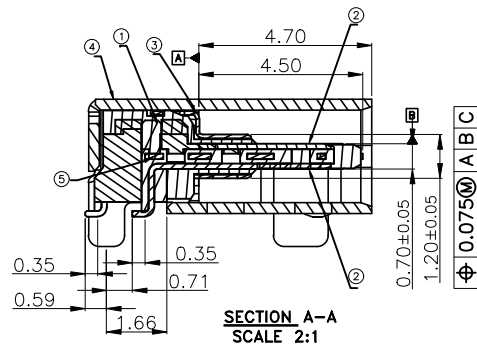
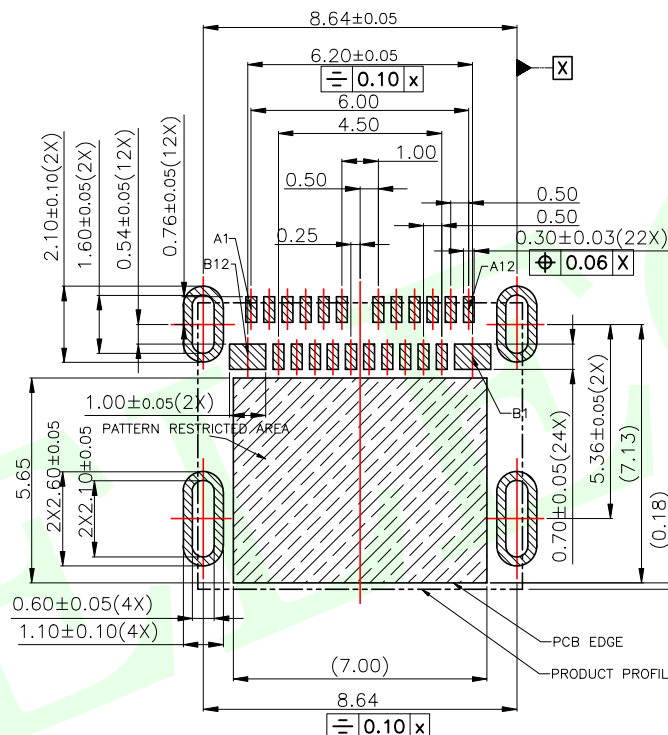


RoHS Compliant



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE: ±0.05



- NOTE:
- 1.MATERIAL SPECIFICATION:
- 1-1.HOUSING: LCP UL94 V-0 BLACK.
 - 1-2.CONTACTS: C7025-TM02/C18400-R540 T=0.15mm
 - 1-3.EMI SPRING: SUS304-1/2H T=0.10mm
 - 1-4.FRONT SHELL: SUS304-1/2H T=0.3mm
 - 1-5.MIDDLE BLADE: SUS301-H T=0.15
- 2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 1-30u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - Au GOLD FLASH PLATED ON SOLDER AREA.
 - 2-2.EMI SPRING:
 - CLEANING ONLY
 - 2-3.FRONT SHELL:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - 2-4.MIDDLE BLADE:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au G/F" Min PLATED ON SOLDER AREA.
- 3.MECHANICAL PERFORMANCE:
- 3-1.INSERTION FORCE: 5~20N
 - 3-2.REMOVAL FORCE: 8~20N FROM 1 TO 1000 CYCLES
6~20N FROM 1001 TO 10000 CYCLES
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE:
- 4-1. CURRENT RATING: 5.0A FOR VBUS PINS (Pin A4,A9,B4,B9)
1.25A FOR GND PINS (PIN A1,A12,B1,B12)
0.25A FOR OTHER PINS (PIN A1,A12,B1,B12)
 - 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: -30°C~+85°C.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PIN ASSIGNMENT

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

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: TYPE C母座双排贴片24PIN 四脚DIPL=7.9mm 莫仕款

CHECKED: DATE: APPROVED: DATE:

PART NO: LCK-TCF903-L79WL-G1 REV: 04 SCALE: 1:1 UNIT: mm

DRAWING NO: 102022222 SIZE: A4 SHEET: 1/1

LCK-TCF 903 - LXXX 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

壳长 L79: 7.9

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