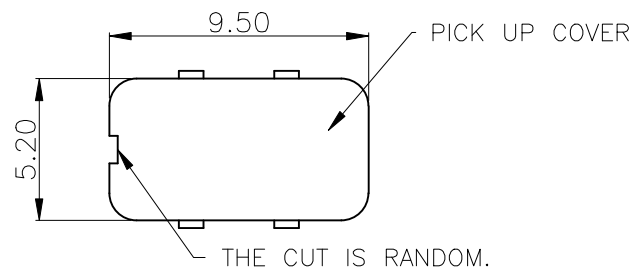
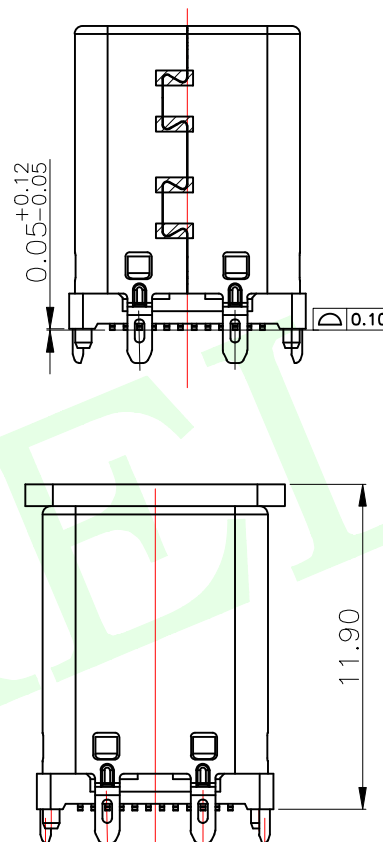
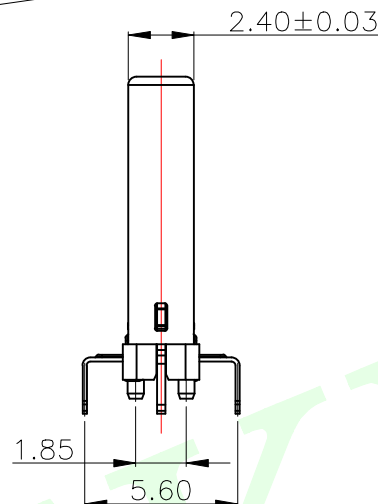
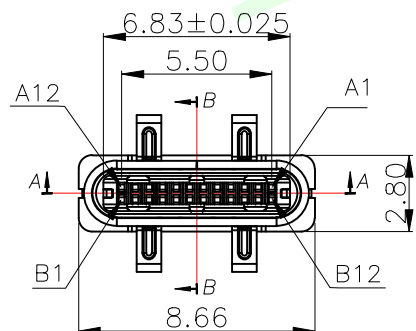
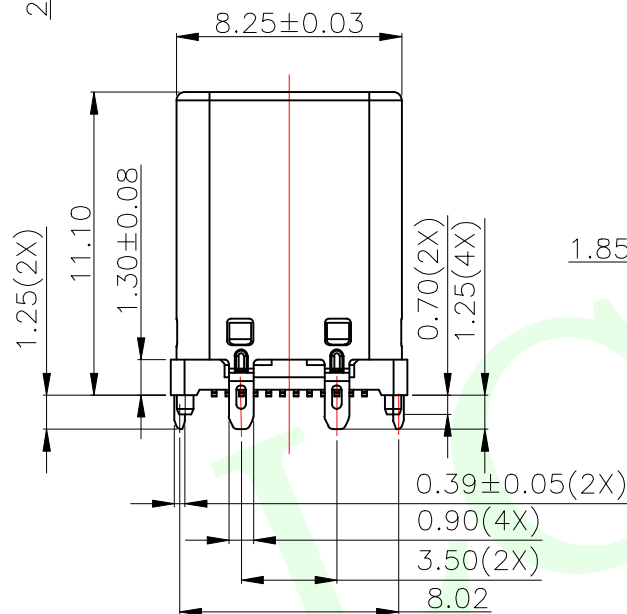
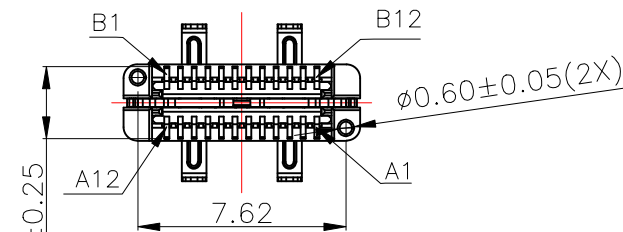


RoHS Compliant



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING&PICKUP COVER:LCP,UL94 V-0.
- 2.CONTACTS: COPPER ALLOY(C7025)
- 3.LATCH: STAINLESS STEEL(SUS301)
- 4.SPRING: STAINLESS STEEL(SUS304)
- 4.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.CONTACTS:

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.LATCH:

Ni 50u" MIN. UNDER PLATED OVER ALL.

80u" MIN. TIN PLATED ON SOLDER AREA.

2-4.SPRING:

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:3.0A

VOLTAGE RATING:5.0V

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: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

LCK-TCM 002 - 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
L111:11.1

电镀规格

G1: 1U

G3: 3U

(以此类推)

包装方式

L:圆盘

B:吸塑盒

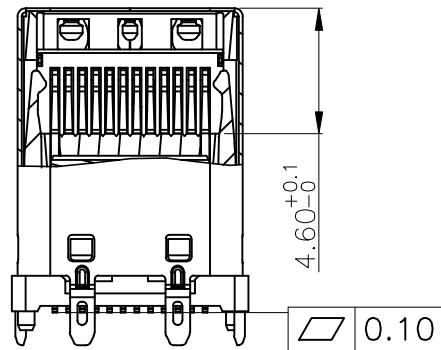
有柱无柱 T:管装

Y: 有柱

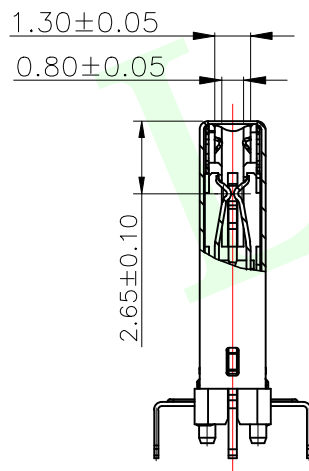
W: 无柱

QUADRANT POINT TANGENCY POINT INTERSECTION POINT UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°	QP	 联晟欣连接器（深圳）有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd				
	TP					
	IP					
DESIGN		Andy	DATE	2014.12.24	TITLE:	
CHECKED			DATE		USB CM VERTICAL TYPE	
APPROVED			DATE		HIGHT=11.1	
PART NO: LCK-TCM002-L111YL-G3				REV: 04	SCALE: 1:1	UNIT: mm
DRAWING NO: 102022006				SIZE: A4	SHEET: 1/1	

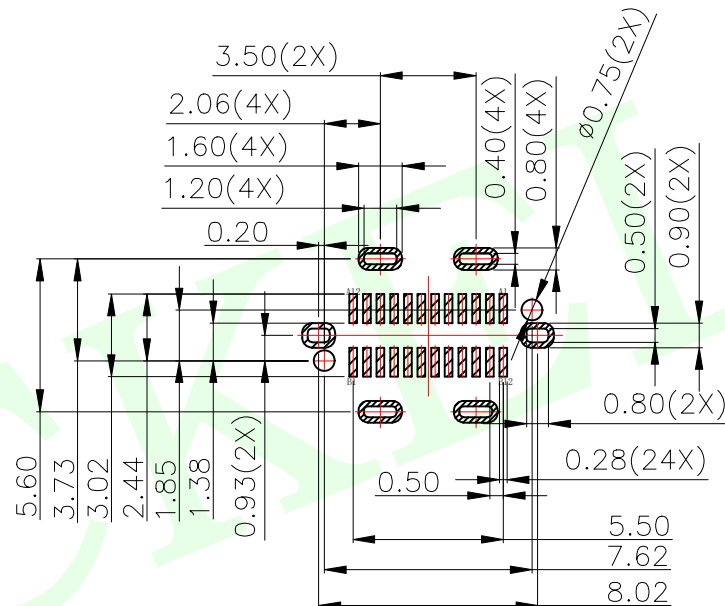
RoHS Compliant



SECTION:A-A



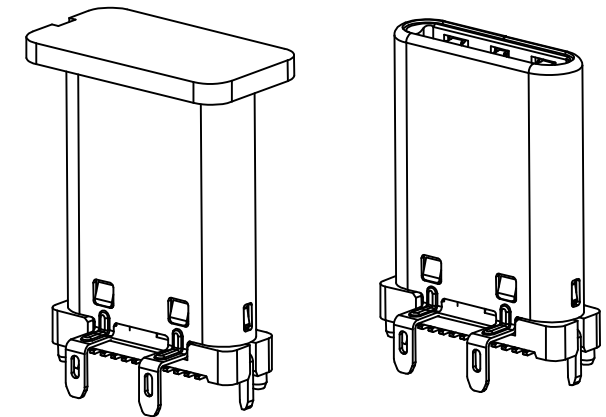
SECTION:B-B



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



AFTER WITH PICKUP COVER

QUADRANT POINT		QP	 联晟欣连接器（深圳）有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd						
TANGENCY POINT		TP							
INTERSECTION POINT		IP							
UNLESS OTHERWISE SPECIFIED, TOLERANCE:			DESIGN	Andy	DATE	2014.12.24	TITLE: USB CM VERTICAL TYPE HIGHT=11.1		
X.		±0.25	CHECKED		DATE				
X.x		±0.20	APPROVED		DATE				
X.xx		±0.15	PART NO: LCK-TCM002-L111YL-G3				REV: 04	SCALE: 1:1	UNIT: mm
ANGULAR		±3°	DRAWING NO: 102022006				SIZE: A4	SHEET: 1/1	