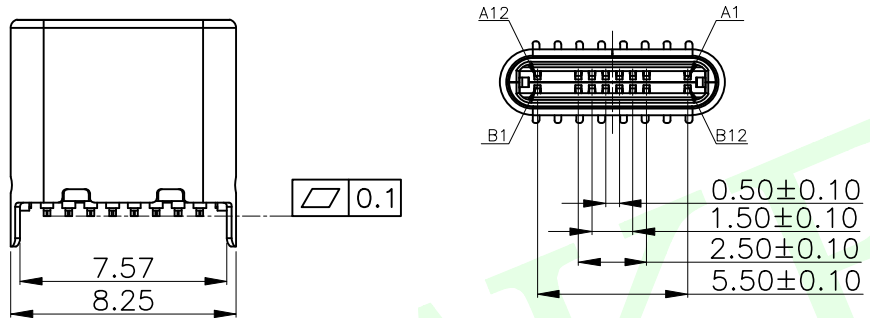
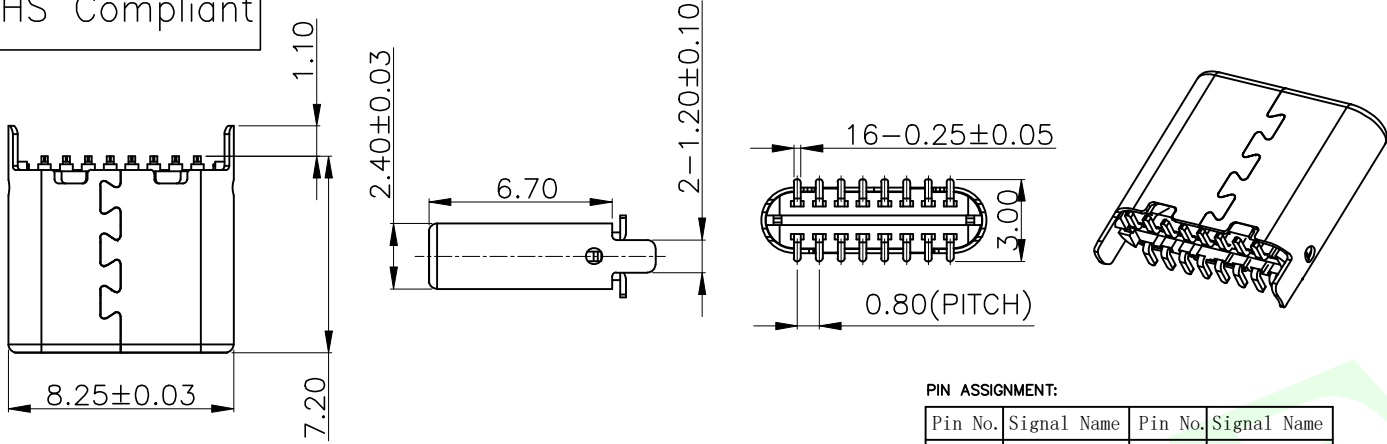


RoHS Compliant



PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	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

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP,BLACK
- 1-2.CONTACTS: C5191 T=0.20
- 1-3.LATCH: SUS301 T=0.35
- 1-4.SHELL: SUS304 T=0.15;
- 1-5.CAP: LCP,BLACK

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.
Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
MATTE TIN 50u"MIN. PLATED ON SOLDER AREA.

2-2.SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

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,

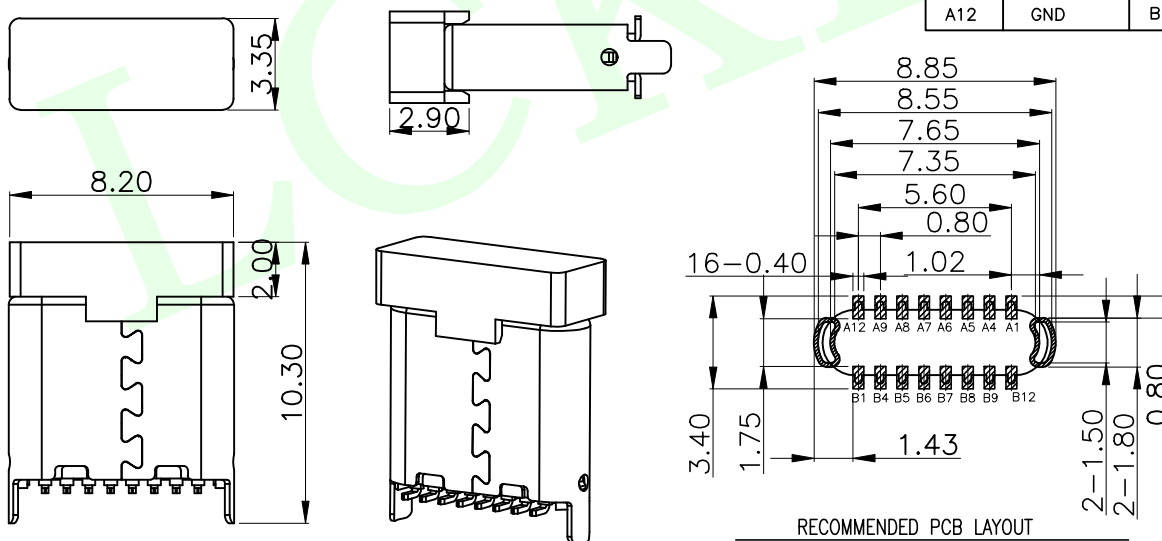
- 4-1. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

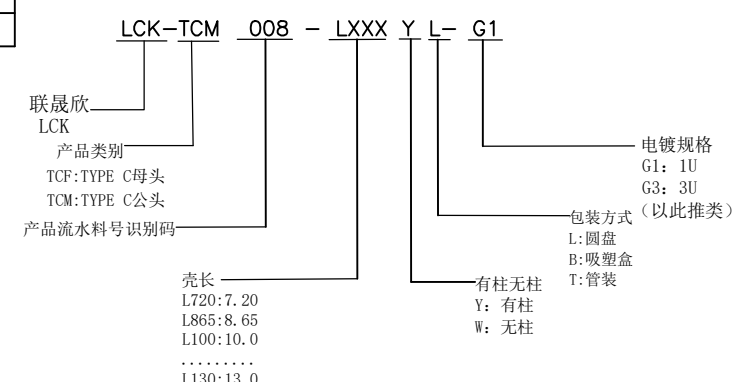
OPERATING TEMPERATURE: -55°C~+85°C.

6.IR REFLOW:

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



RECOMMENDED PCB LAYOUT
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



Added suction cap view
SCALE 1:1

QUADRANT POINT	联晟欣连接器 (深圳) 有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd			
TANGENCY POINT	DESIGN	Andy	DATE	2014.12.24
INTERSECTION POINT	CHECKED		DATE	
UNLESS OTHERWISE SPECIFIED,TOLERANCE:	APPROVED		DATE	
X. ±0.25	PART NO: LCK-TCM008-L720WL-G1		REV: 04	SCALE: 1:1
X.x ±0.20	DRAWING NO:		SIZE: A4	UNIT: mm
X.xx ±0.15			SHEET: 1/1	
ANGULAR ±3°				

TITLE: USB TYPE C 16PIN 立贴铆合7.2脚长1.1

RoHS Compliant

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP, BLACK
- 1-2.CONTACTS: C5191 T=0.20
- 1-3.LATCH: SUS301 T=0.35
- 1-4.SHELL: SUS304 T=0.15;
- 1-5.CAP: LCP, BLACK

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
- MATTE TIN 50u"MIN. PLATED ON SOLDER AREA.

2-2.SHELL:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

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.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -55°C~+85°C.

6.IR REFLOW:

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

PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	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

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-TCM 008 - LXXX Y L- G1

电镀规格

G1: 1U

G3: 3U

包装方式 (以此推类)

L:圆盘

B:吸塑盒

T:管装

壳长

L720:7.20

L865:8.65

L100:10.0




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L130:13.0

有柱无柱

Y: 有柱

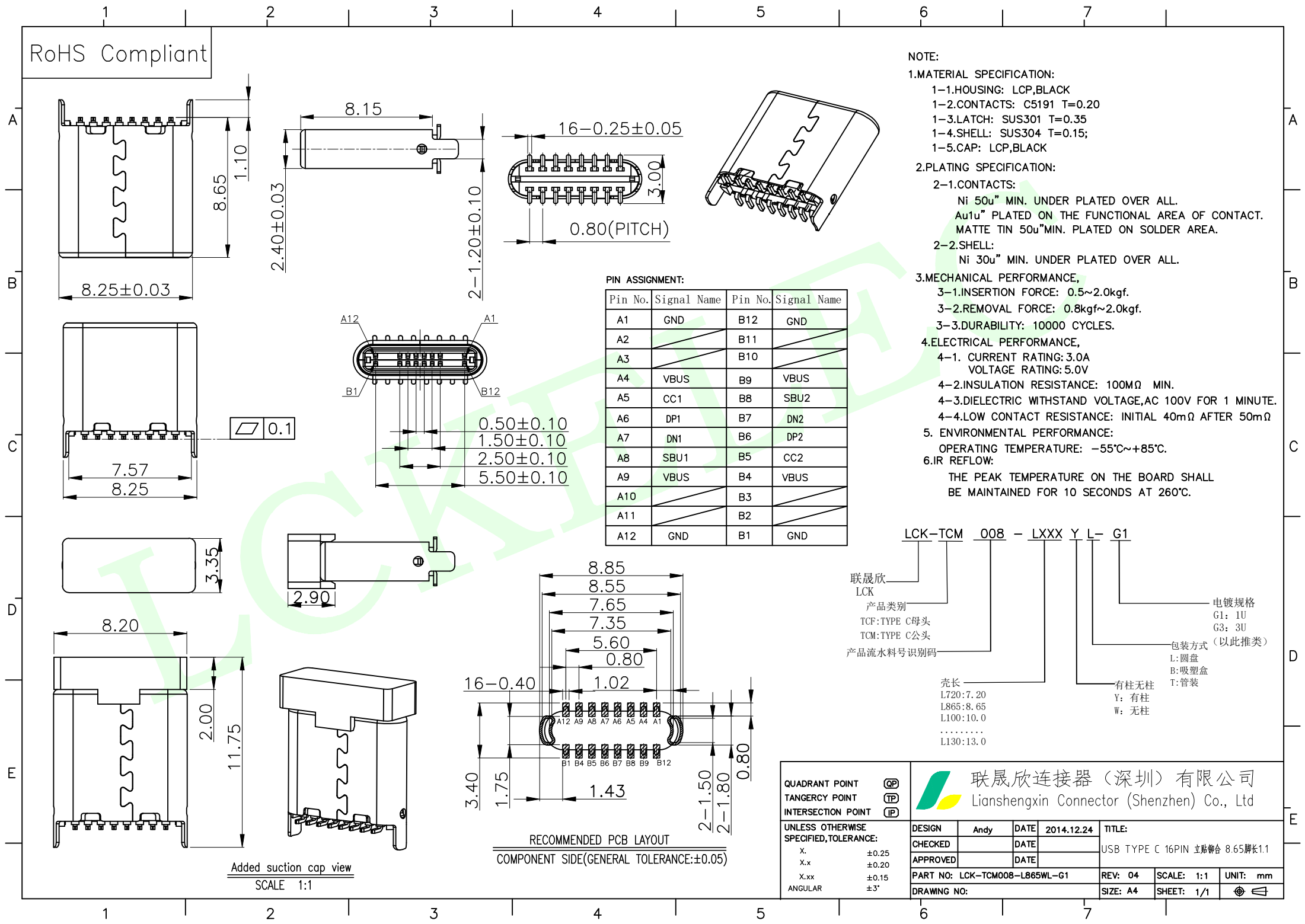
W: 无柱

QUADRANT POINT 
 TANGENCY POINT 
 INTERSECTION POINT 

UNLESS OTHERWISE SPECIFIED, TOLERANCE:
 X. ±0.25
 X.X ±0.20
 X.XX ±0.15
 ANGULAR ±3°

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

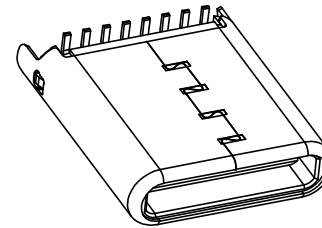
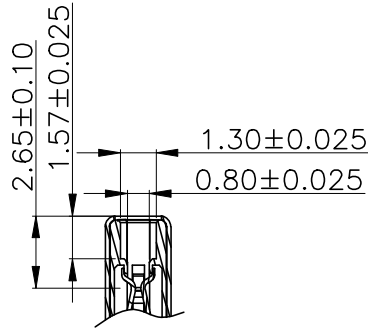
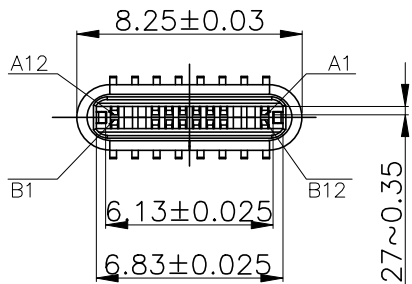
DESIGN	Andy	DATE	2014.12.24	TITLE:			
CHECKED		DATE		USB TYPE C 16PIN 立贴铜合 8.65脚长1.1			
APPROVED		DATE					
PART NO:	LCK-TCM008-L865WL-G1	REV:	04	SCALE:	1:1	UNIT:	mm
DRAWING NO:		SIZE:	A4	SHEET:	1/1		



Added suction cap view
 SCALE 1:1

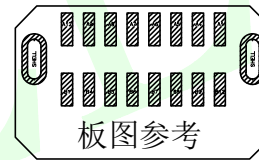
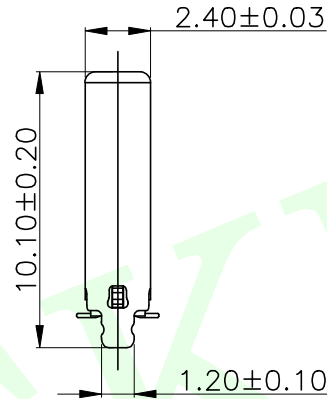
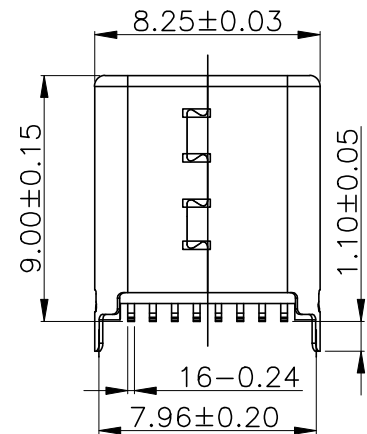
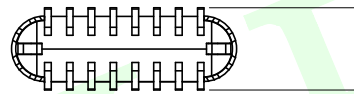
RECOMMENDED PCB LAYOUT
 COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

RoHS Compliant



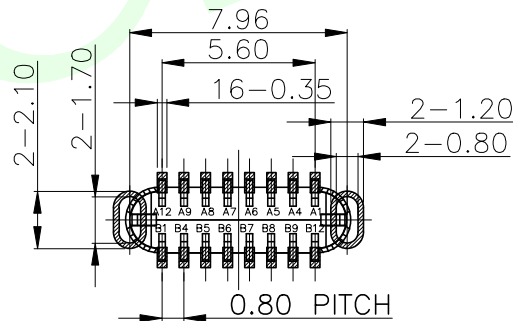
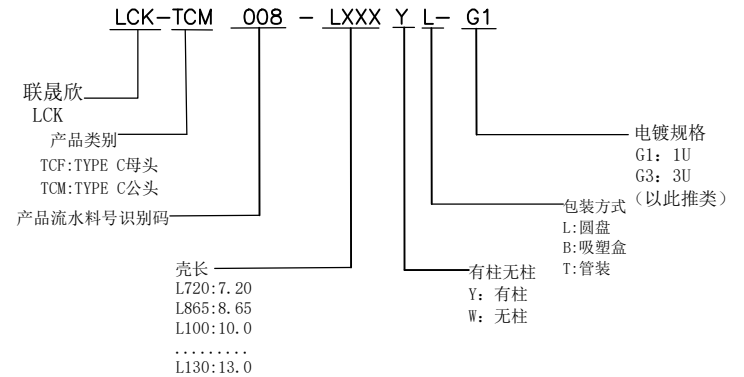
备注:

1. 原材料
 - 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
 - 1.2 端子材质: C5159-EH T=0.20MM
 - 1.3 卡钩材质: SUS 201-H T=0.35MM
 - 1.4 壳子材质: SUS 201-1/2H T=0.15MM
2. 机械性能:
 - 2.1 插入力: 6~20N. 插拔10000次后5~20N.
 - 2.2 拔出力: 8~20N. 插拔10000次后6~20N.
 - 2.3 耐久寿命10000 CYCLES.
3. 电气性能:
 - 3.1 额定电流: 1A MIN FOR VBUS; 0.25A MIN FOR OTHER .
 - 3.2 额定电压: 5V MAX.
 - 3.3 耐电压: 100V AC.
 - 3.4 接触阻抗: 30mΩ MAX(Initial) , 30mΩ±20 MAX(10000次试验后) .
 - 3.5 绝缘阻抗: 100MΩ MIN.
4. 电镀规格:
 - 4.1 端子: 镍底40u"Min 接触点镀金G/F" 焊接处镀锡20-40U"
 - 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
 - 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"
5. 环境温度: 温度范围: -30°C ~ +85°C.
6. 包装方式: 卷带 500PCS/卷
7. 环保要求: ROHS REACH

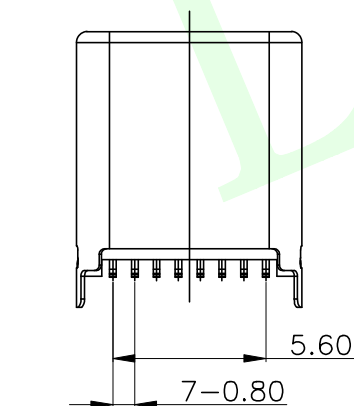


板图参考

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

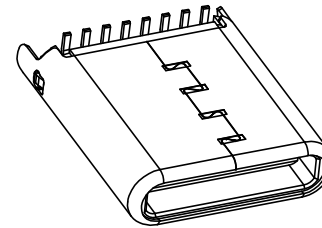
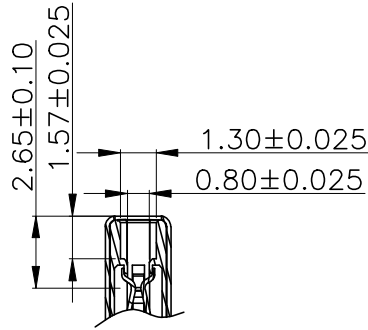
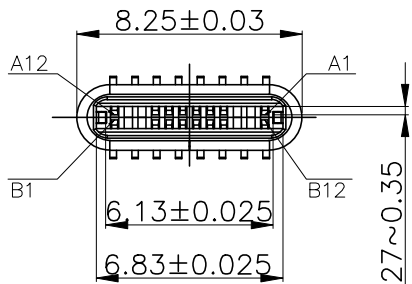


RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



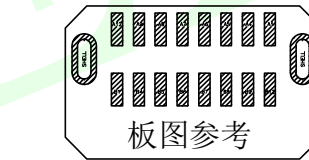
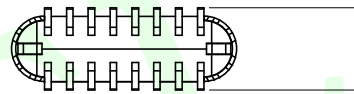
QUADRANT POINT TANGENCY POINT INTERSECTION POINT UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°	联晟欣连接器(深圳)有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd			
	DESIGN	Andy	DATE	2014.12.24
CHECKED		DATE		USB TYPE C 16PIN 立贴铆合9.0脚长1.1
APPROVED		DATE		
PART NO:	LCK-TCM008-L90WL-G1	REV:	04	SCALE: 1:1
DRAWING NO:		UNIT:	mm	SHEET: 1/1

RoHS Compliant



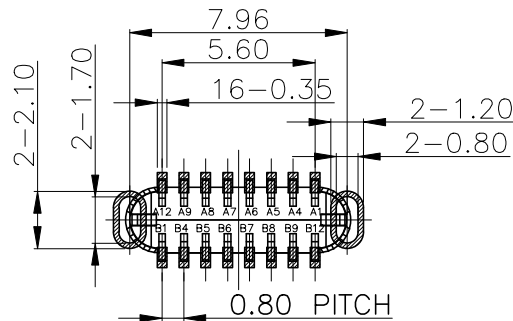
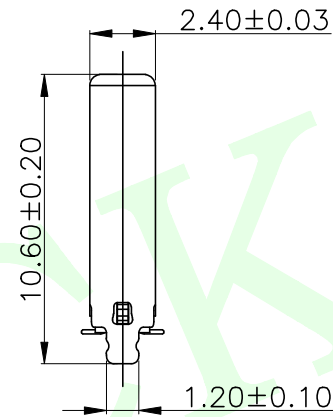
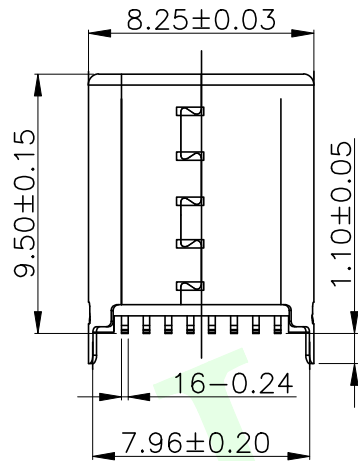
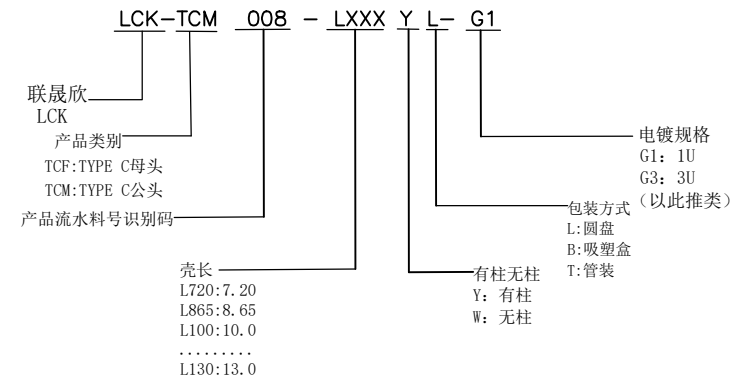
备注:

1. 原材料
 - 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
 - 1.2 端子材质: C5159-EH T=0.20MM
 - 1.3 卡钩材质: SUS 201-H T=0.35MM
 - 1.4 壳子材质: SUS 201-1/2H T=0.15MM
2. 机械性能:
 - 2.1 插入力: 6~20N. 插拔10000次后5~20N.
 - 2.2 拔出力: 8~20N. 插拔10000次后6~20N.
 - 2.3 耐久寿命10000 CYCLES.
3. 电气性能:
 - 3.1 额定电流: 1A MIN FOR VBUS; 0.25A MIN FOR OTHER .
 - 3.2 额定电压: 5V MAX.
 - 3.3 耐电压: 100V AC.
 - 3.4 接触阻抗: 30mΩ MAX(Initial) , 30mΩ±20 MAX(10000次试验后) .
 - 3.5 绝缘阻抗: 100MΩ MIN.
4. 电镀规格:
 - 4.1 端子: 镍底40u"Min 接触点镀金G/F" 焊接处镀锡20-40U"
 - 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
 - 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"
5. 环境温度: 温度范围: -30°C ~ +85°C.
6. 包装方式: 卷带 500PCS/卷
7. 环保要求: ROHS REACH

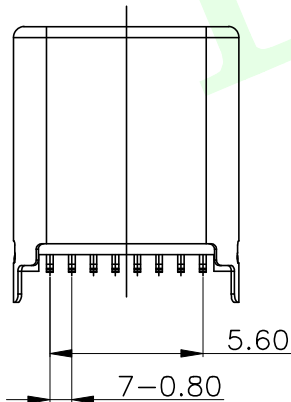


板图参考

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



QUADRANT POINT TANGENCY POINT INTERSECTION POINT

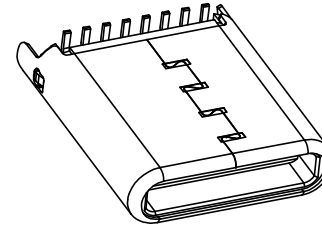
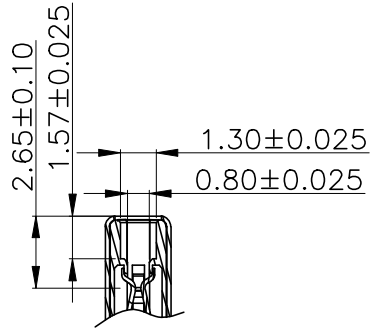
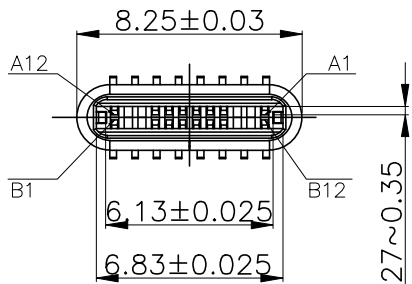
UNLESS OTHERWISE SPECIFIED, TOLERANCE:

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

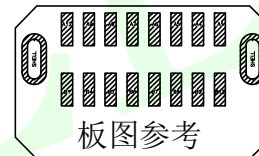
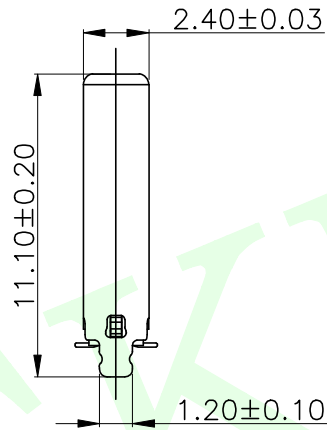
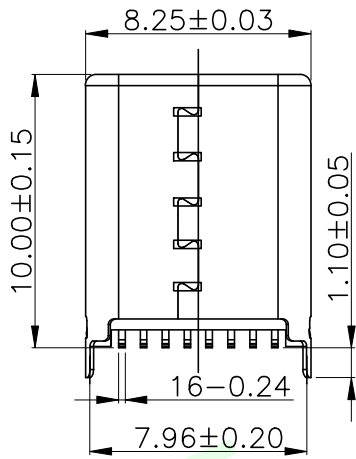
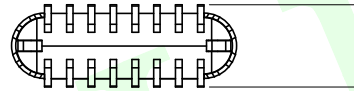
DESIGN	Andy	DATE	2014.12.24	TITLE:	USB TYPE C 16PIN 立贴铆合9.5脚长1.1		
CHECKED		DATE					
APPROVED		DATE					
PART NO:	LCK-TCM008-L95WL-G1	REV:	04	SCALE:	1:1	UNIT:	mm
DRAWING NO:		SIZE:	A4	SHEET:	1/1		

RoHS Compliant



备注:

1. 原材料
 - 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
 - 1.2 端子材质: C5159-EH T=0.20MM
 - 1.3 卡钩材质: SUS 201-H T=0.35MM
 - 1.4 壳子材质: SUS 201-1/2H T=0.15MM
2. 机械性能:
 - 2.1 插入力: 6~20N. 插拔10000次后5~20N.
 - 2.2 拔出力: 8~20N. 插拔10000次后6~20N.
 - 2.3 耐久寿命10000 CYCLES.
3. 电气性能:
 - 3.1 额定电流: 1A MIN FOR VBUS; 0.25A MIN FOR OTHER .
 - 3.2 额定电压: 5V MAX.
 - 3.3 耐压: 100V AC.
 - 3.4 接触阻抗: 30mΩ MAX(Initial) , 30mΩ±20 MAX(10000次试验后) .
 - 3.5 绝缘阻抗: 100MΩ MIN.
4. 电镀规格:
 - 4.1 端子: 镍底40u"Min 接触点镀金G/F" 焊接处镀锡20-40U"
 - 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
 - 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"
5. 环境温度: 温度范围: -30°C ~ +85°C.
6. 包装方式: 卷带 500PCS/卷
7. 环保要求: ROHS REACH



板图参考

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

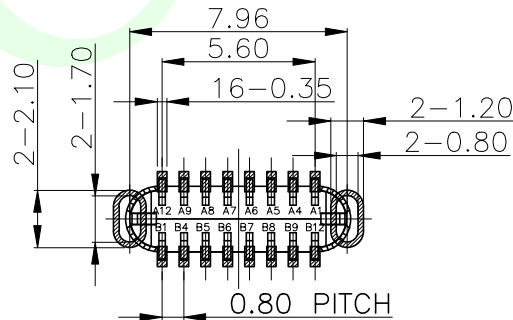
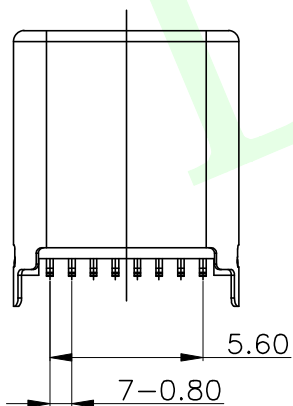
联晟欣
LCK

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

LCK-TCM 008 - LXXX Y L- G1

壳长
L720: 7.20
L865: 8.65
L100: 10.0
.....
L130: 13.0

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



RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

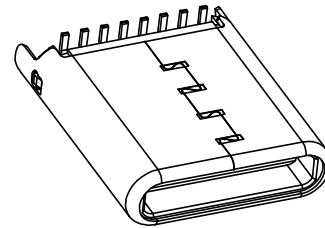
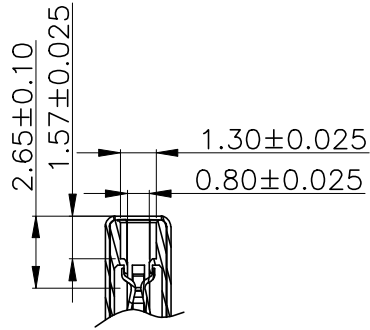
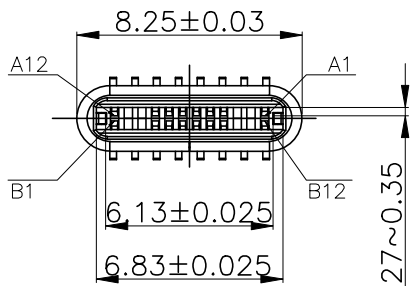
QUADRANT POINT
TANGENCY POINT
INTERSECTION POINT

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

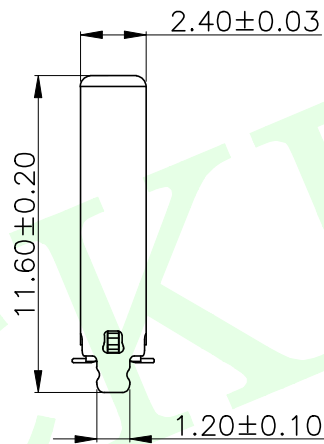
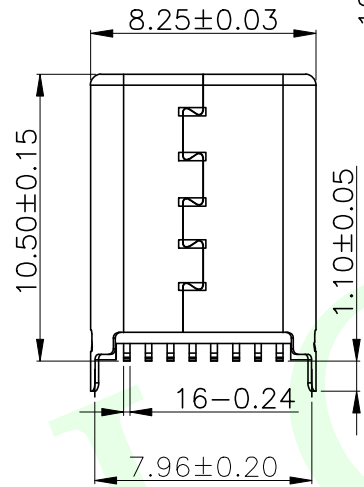
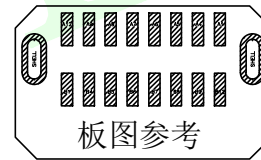
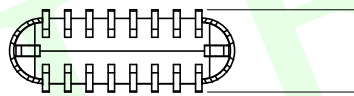
DESIGN	Andy	DATE	2014.12.24	TITLE:	
CHECKED		DATE		USB TYPE C 16PIN 立贴焊台 10.0脚长1.1	
APPROVED		DATE			
PART NO:	LCK-TCM008-L100WL-G1	REV:	04	SCALE:	1:1
DRAWING NO:		UNIT:	mm	SIZE:	A4
		SHEET:	1/1		

RoHS Compliant

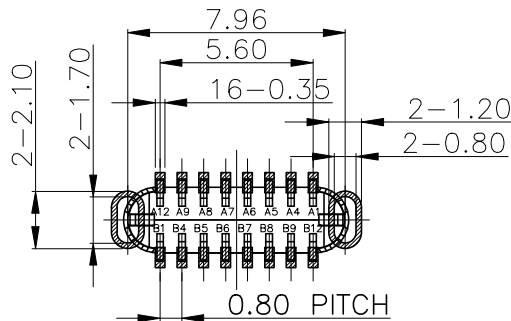
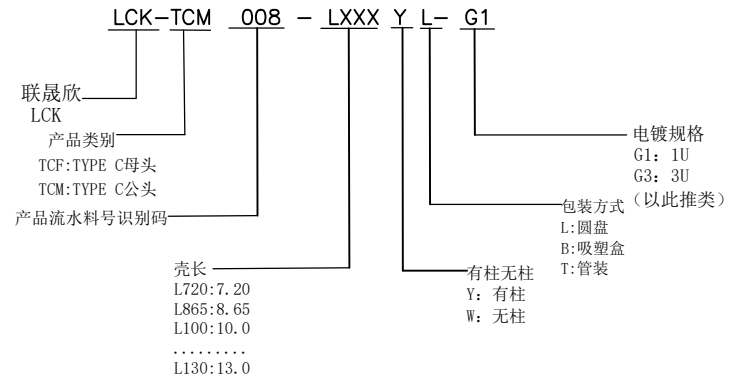


备注:

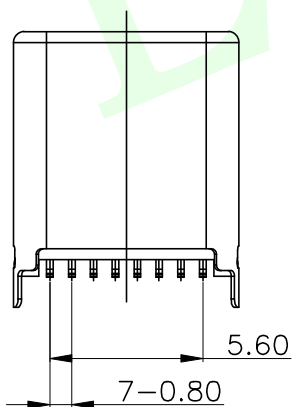
1. 原材料
 - 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
 - 1.2 端子材质: C5159-EH T=0.20MM
 - 1.3 卡钩材质: SUS 201-H T=0.35MM
 - 1.4 壳子材质: SUS 201-1/2H T=0.15MM
2. 机械性能:
 - 2.1 插入力: 6~20N. 插拔10000次后5~20N.
 - 2.2 拔出力: 8~20N. 插拔10000次后6~20N.
 - 2.3 耐久寿命10000 CYCLES.
3. 电气性能:
 - 3.1 额定电流: 1A MIN FOR VBUS; 0.25A MIN FOR OTHER .
 - 3.2 额定电压: 5V MAX.
 - 3.3 耐电压: 100V AC.
 - 3.4 接触阻抗: 30mΩ MAX(Initial) , 30mΩ±20 MAX(10000次试验后) .
 - 3.5 绝缘阻抗: 100MΩ MIN.
4. 电镀规格:
 - 4.1 端子: 镍底40u"Min 接触点镀金G/F" 焊接处镀锡20-40U"
 - 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
 - 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"
5. 环境温度: 温度范围: -30°C ~ +85°C.
6. 包装方式: 卷带 500PCS/卷
7. 环保要求: ROHS REACH



PIN	SIGNAL NAME	PIN	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

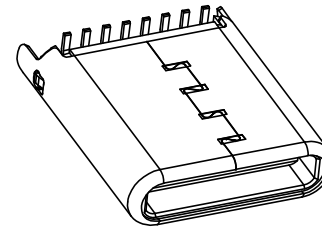
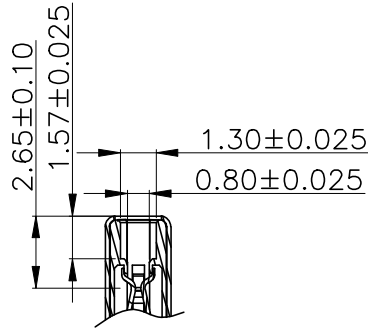
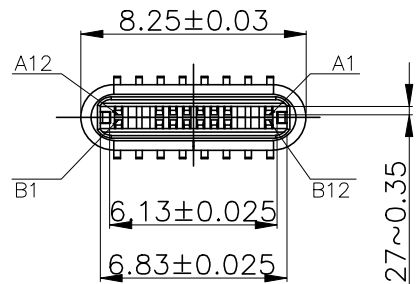


RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



QUADRANT POINT TANGENCY POINT INTERSECTION POINT 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		USB TYPE C 16PIN 立贴焊合 10.5脚长1.1
APPROVED		DATE		
PART NO:	LCK-TCM008-L105WL-G1	REV:	04	SCALE: 1:1
DRAWING NO:		UNIT:	mm	SHEET: 1/1

RoHS Compliant



备注:

1. 原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力: 6~20N. 插拔10000次后5~20N.
- 2.2 拔出力: 8~20N. 插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流: 1A MIN FOR VBUS; 0.25A MIN FOR OTHER .
- 3.2 额定电压: 5V MAX.
- 3.3 耐压: 100V AC.
- 3.4 接触阻抗: 30mΩ MAX(Initial) , 30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗: 100MΩ MIN.

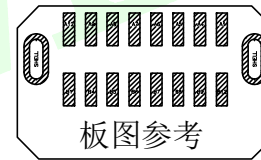
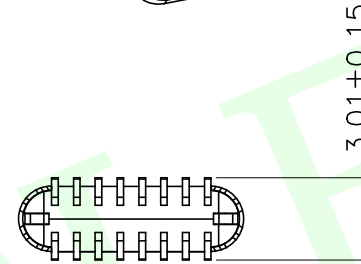
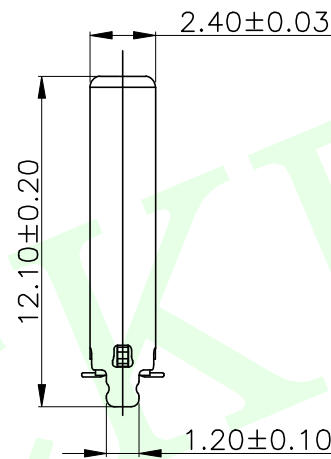
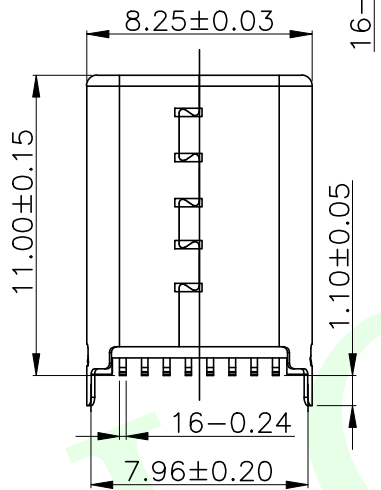
4. 电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F" 焊接处镀锡20-40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"

5. 环境温度: 温度范围: -30°C ~ +85°C.

6. 包装方式: 卷带 500PCS/卷

7. 环保要求: ROHS REACH



板图参考

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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-TCM 008 - LXXX Y L- G1

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

壳长

L720: 7.20

L865: 8.65

L100: 10.0

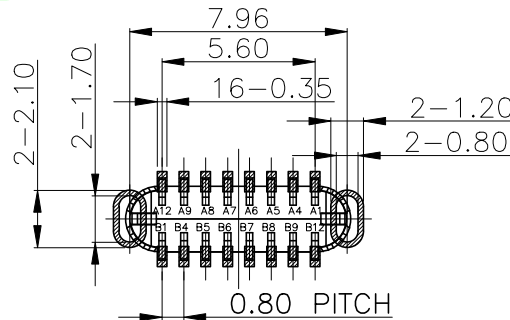
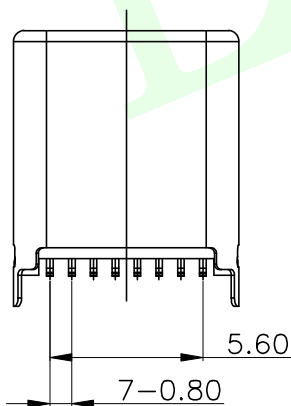
.....

L130: 13.0

有柱无柱


Y: 有柱

W: 无柱



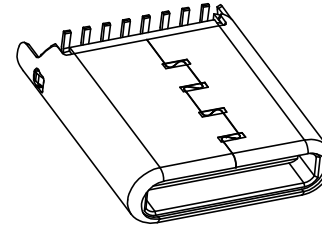
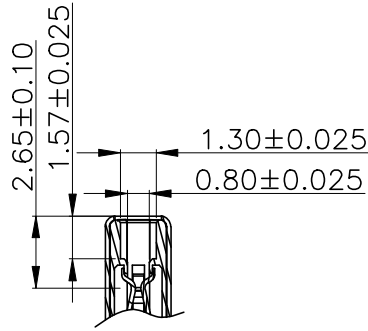
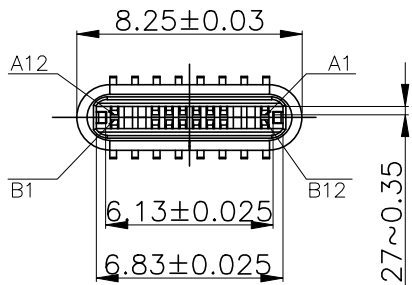
RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

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	TITLE:	
CHECKED		DATE		USB TYPE C 16PIN 立贴脚合 11.0脚长1.1	
APPROVED		DATE			
PART NO:	LCK-TCM008-L110WL-G1	REV:	04	SCALE:	1:1
DRAWING NO:		SIZE:	A4	SHEET:	1/1

RoHS Compliant



备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

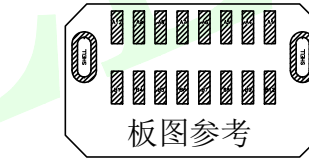
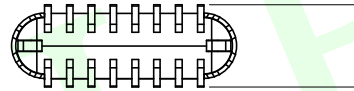
4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20-40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

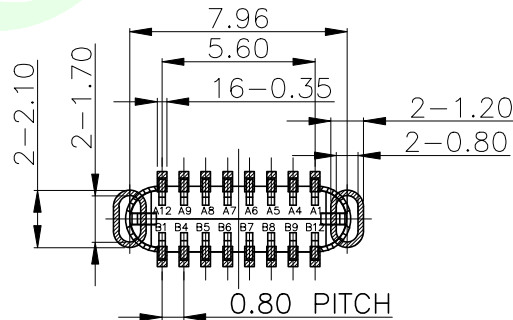
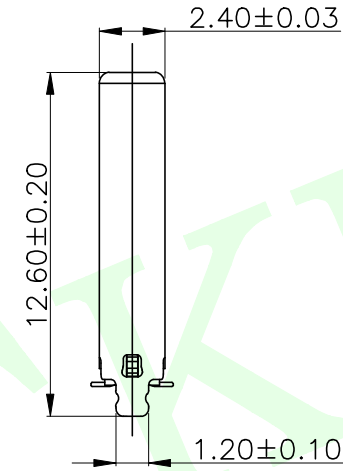
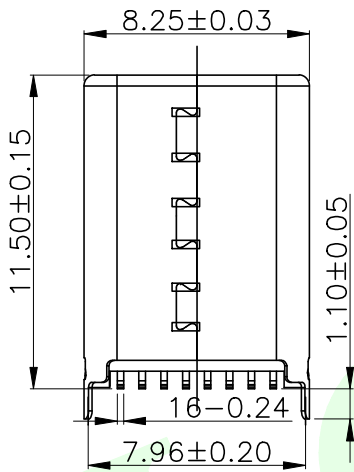
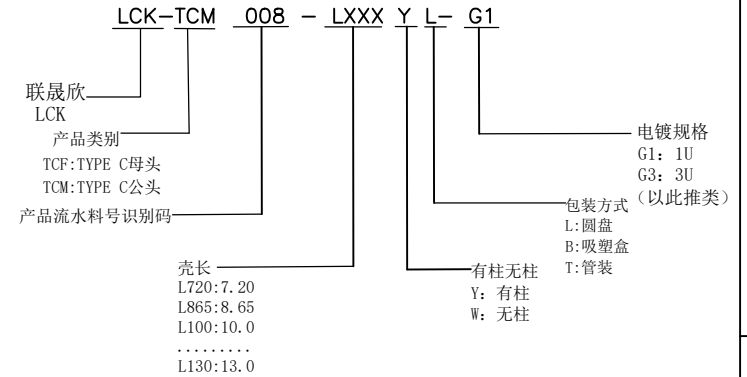
6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

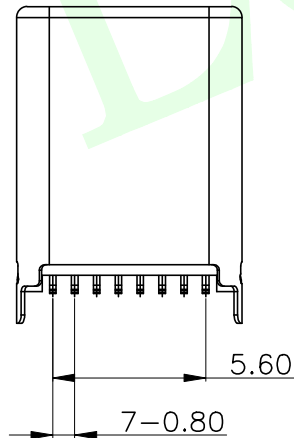


板图参考

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

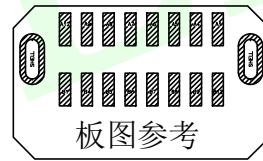
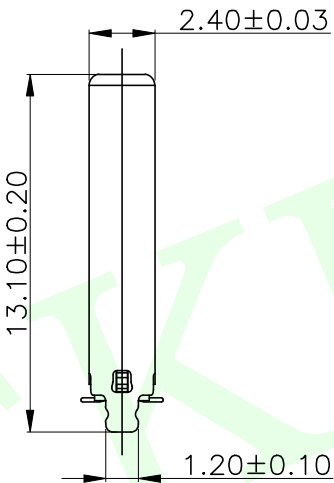
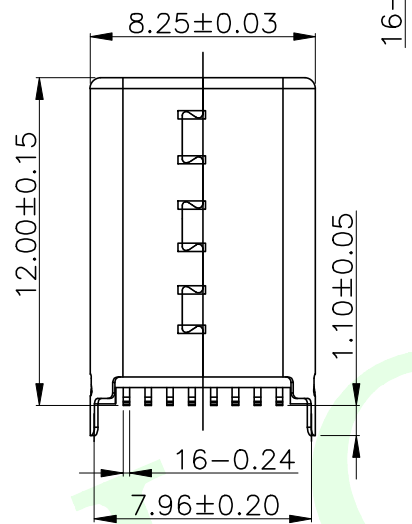
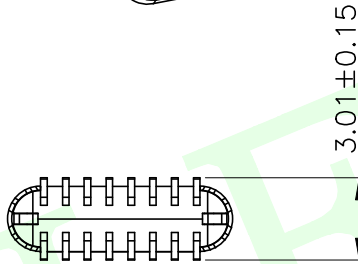
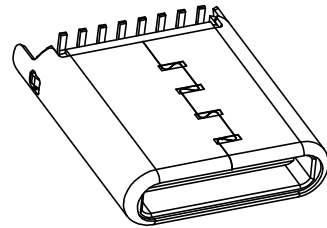
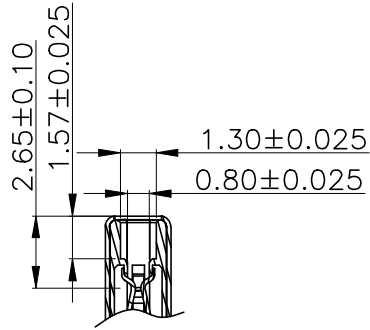
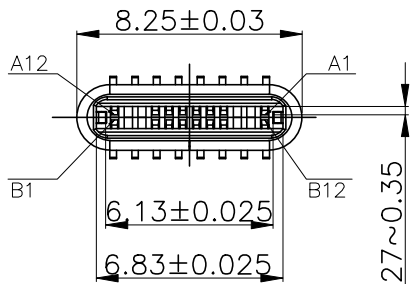


RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



QUADRANT POINT TANGENCY POINT INTERSECTION POINT	联晟欣连接器(深圳)有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd				
	DESIGN	Andy	DATE	2014.12.24	TITLE:
UNLESS OTHERWISE SPECIFIED, TOLERANCE:	CHECKED		DATE		USB TYPE C 16PIN 立贴铆合 11.5脚长1.1
X. ±0.25	APPROVED		DATE		
X.x ±0.20	PART NO:	LCK-TCM008-L115WL-G1	REV:	04	SCALE: 1:1
X.xx ±0.15	DRAWING NO:		SIZE:	A4	SHEET: 1/1
ANGULAR ±3°					UNIT: mm

RoHS Compliant



PIN	SIGNAL NAME	PIN	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

备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

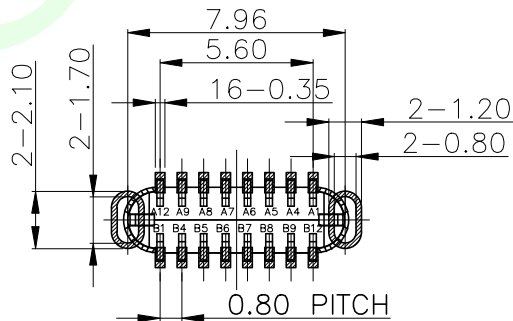
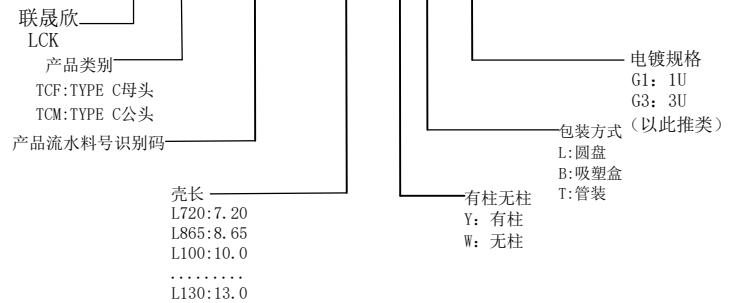
- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20-40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

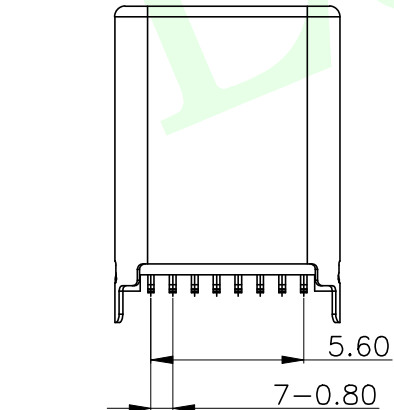
6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

LCK-TCM 008 - LXXX Y L- G1

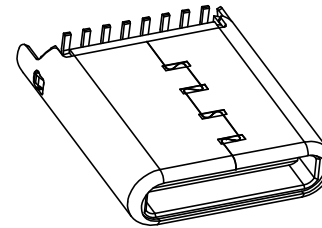
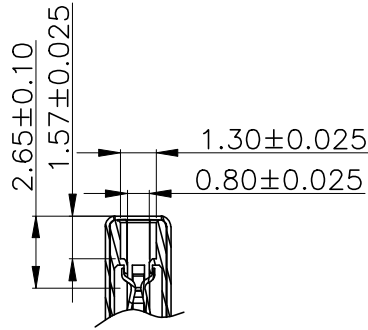
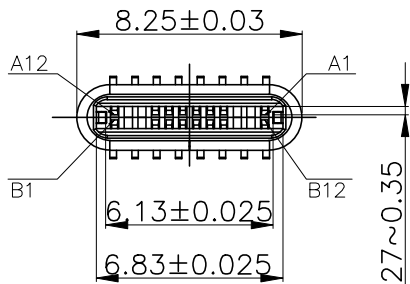


RECOMMENDED PCB LAYOUT(l=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



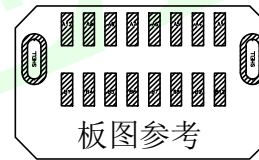
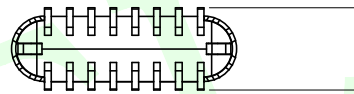
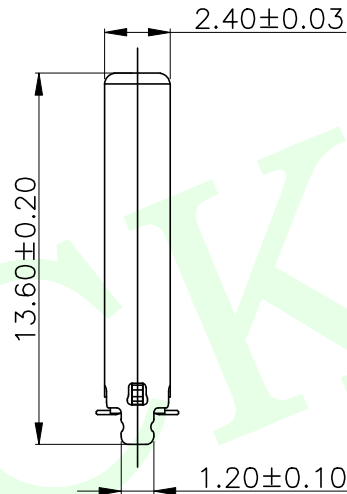
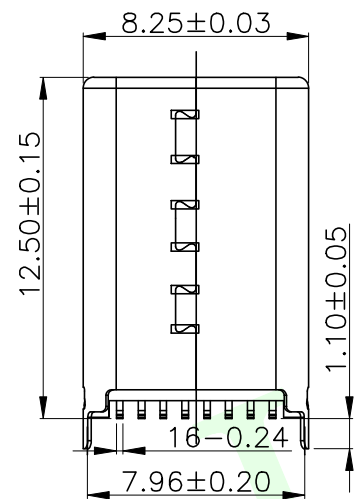
QUADRANT POINT TANGENCY POINT INTERSECTION POINT	联晟欣连接器(深圳)有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd				
	DESIGN	Andy	DATE	2014.12.24	TITLE:
UNLESS OTHERWISE SPECIFIED, TOLERANCE:	CHECKED		DATE		USB TYPE C 16PIN 立贴焊合 12.0脚长1.1
X. ±0.25	APPROVED		DATE		
X.x ±0.20	PART NO:	LCK-TCM008-L120WL-G1		REV: 04	SCALE: 1:1
X.xx ±0.15	DRAWING NO:			UNIT: mm	
ANGULAR ±3°				SIZE: A4	SHEET: 1/1

RoHS Compliant

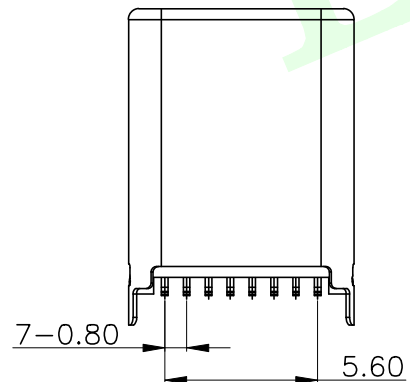
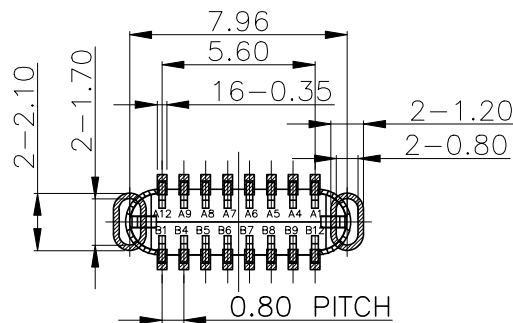
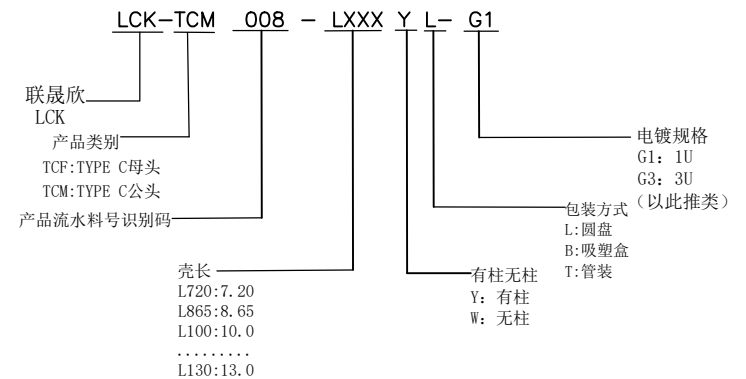


备注:

1. 原材料
 - 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
 - 1.2 端子材质: C5159-EH T=0.20MM
 - 1.3 卡钩材质: SUS 201-H T=0.35MM
 - 1.4 壳子材质: SUS 201-1/2H T=0.15MM
2. 机械性能:
 - 2.1 插入力: 6~20N. 插拔10000次后5~20N.
 - 2.2 拔出力: 8~20N. 插拔10000次后6~20N.
 - 2.3 耐久寿命10000 CYCLES.
3. 电气性能:
 - 3.1 额定电流: 1A MIN FOR VBUS; 0.25A MIN FOR OTHER .
 - 3.2 额定电压: 5V MAX.
 - 3.3 耐电压: 100V AC.
 - 3.4 接触阻抗: 30mΩ MAX(Initial) , 30mΩ±20 MAX(10000次试验后) .
 - 3.5 绝缘阻抗: 100MΩ MIN.
4. 电镀规格:
 - 4.1 端子: 镍底40u"Min 接触点镀金G/F" 焊接处镀锡20-40U"
 - 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
 - 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"
5. 环境温度: 温度范围: -30°C ~ +85°C.
6. 包装方式: 卷带 500PCS/卷
7. 环保要求: ROHS REACH

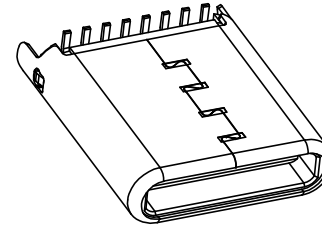
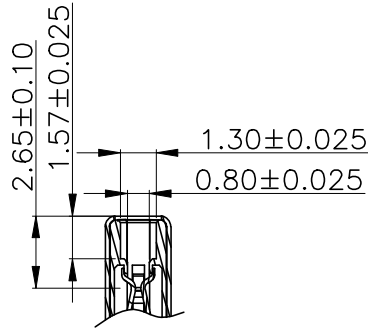
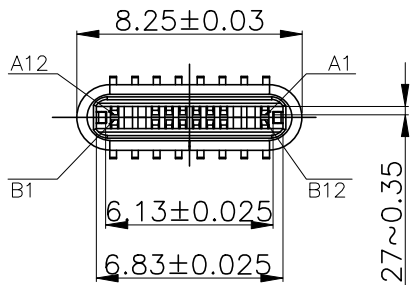


A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



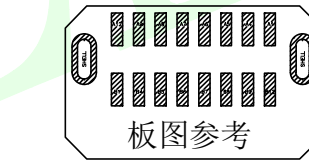
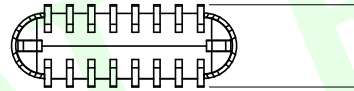
QUADRANT POINT TANGENCY POINT INTERSECTION POINT UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°	联晟欣连接器(深圳)有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd			
	DESIGN	Andy	DATE	2014.12.24
CHECKED		DATE		USB TYPE C 16PIN 立贴焊合 12.5mm长1.1
APPROVED		DATE		
PART NO:	LCK-TCM008-L125WL-G1	REV:	04	SCALE: 1:1
DRAWING NO:		UNIT:	mm	
		SIZE:	A4	SHEET: 1/1

RoHS Compliant



备注:

1. 原材料
 - 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
 - 1.2 端子材质: C5159-EH T=0.20MM
 - 1.3 卡钩材质: SUS 201-H T=0.35MM
 - 1.4 壳子材质: SUS 201-1/2H T=0.15MM
2. 机械性能:
 - 2.1 插入力: 6~20N. 插拔10000次后5~20N.
 - 2.2 拔出力: 8~20N. 插拔10000次后6~20N.
 - 2.3 耐久寿命10000 CYCLES.
3. 电气性能:
 - 3.1 额定电流: 1A MIN FOR VBUS; 0.25A MIN FOR OTHER .
 - 3.2 额定电压: 5V MAX.
 - 3.3 耐电压: 100V AC.
 - 3.4 接触阻抗: 30mΩ MAX(Initial) , 30mΩ±20 MAX(10000次试验后) .
 - 3.5 绝缘阻抗: 100MΩ MIN.
4. 电镀规格:
 - 4.1 端子: 镍底40u"Min 接触点镀金G/F" 焊接处镀锡20-40U"
 - 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
 - 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"
5. 环境温度: 温度范围: -30°C ~ +85°C.
6. 包装方式: 卷带 500PCS/卷
7. 环保要求: ROHS REACH



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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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

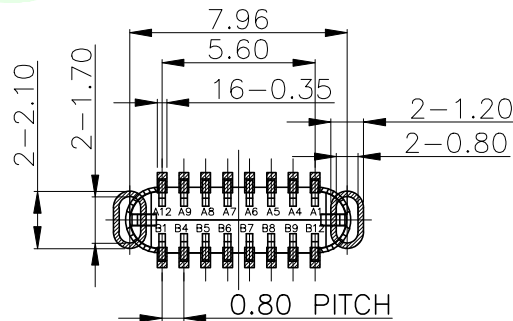
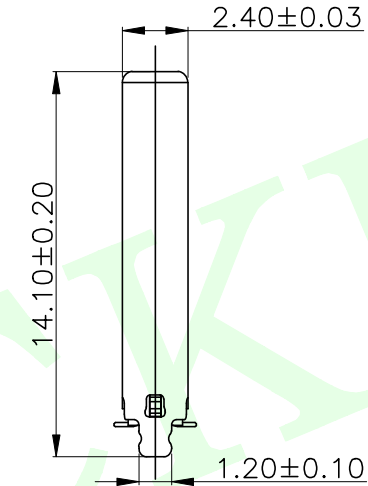
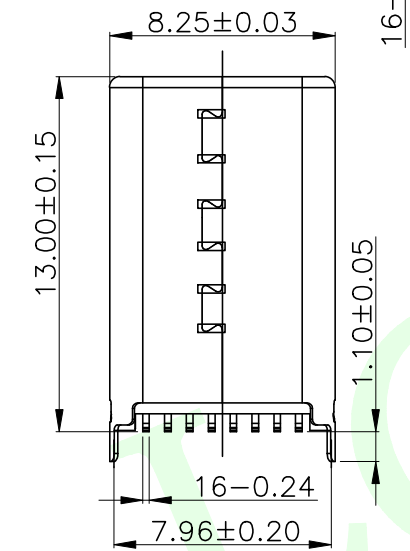
LCK-TCM 008 - LXXX Y L- G1

电镀规格
G1: 1U
G3: 3U
(以此类推)

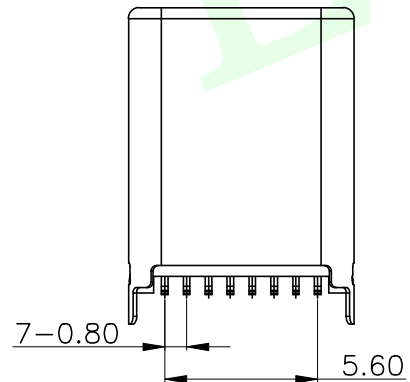
包装方式
L: 圆盘
B: 吸塑盒
T: 管装

壳长
L720: 7.20
L865: 8.65
L100: 10.0
.....
L130: 13.0

有柱无柱
Y: 有柱
W: 无柱

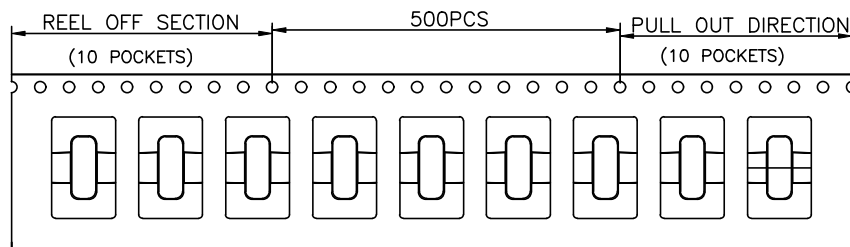


RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

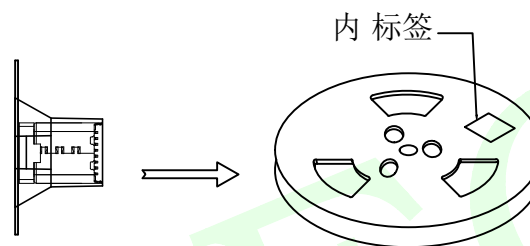


QUADRANT POINT TANGENCY POINT INTERSECTION POINT UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°	联晟欣连接器(深圳)有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd			
	DESIGN	Andy	DATE	2014.12.24
CHECKED		DATE		USB TYPE C 16PIN 立贴铆合 13.0脚长1.1
APPROVED		DATE		
PART NO:	LCK-TCM008-L130WL-G1	REV:	04	SCALE: 1:1
DRAWING NO:		UNIT:	mm	SHEET: 1/1

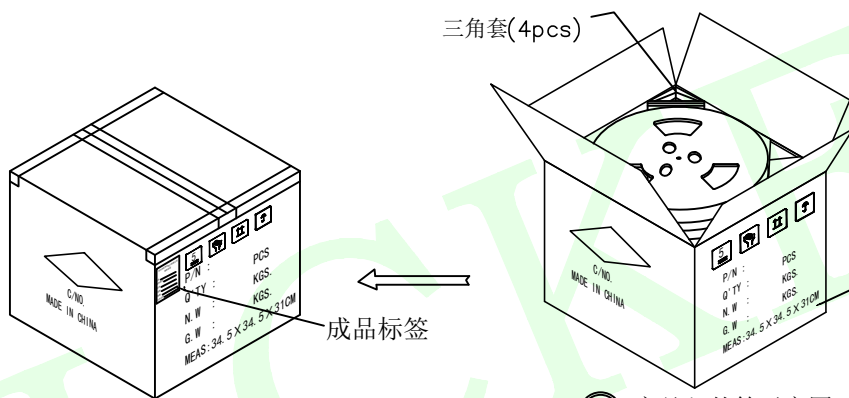
RoHS Compliant



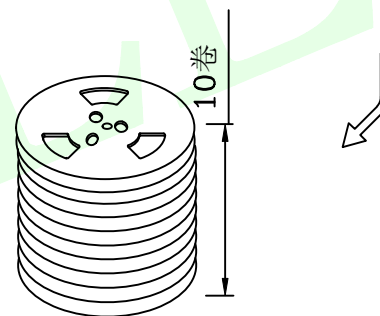
① 产品入载带示意图



② 卷盘贴标签示意图

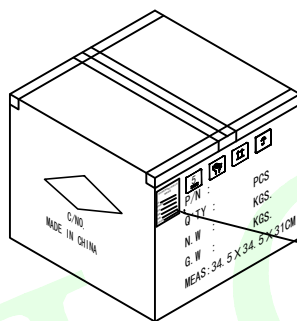


④ 产品入外箱示意图



③ 10盘产品叠层示意图

⑤ 外箱封箱示意图



包装说明:

1. 将检验好的成品;对插口朝前放入载带;每卷装500PCS产品;具体如图一所示
2. 将包装好的产品;每盘必需贴上内标签;具体如图二所示
3. 将贴好内标签的产品每10盘叠;具体如图三所示
5. 装好后并封好纸箱及贴好相关标签;具体如图五所示;
(产品包装的标签,如客户有要求,请按客户要求包装出货)
6. 载带前面留10PCS空格,后面留10PCS空格
7. COVER与CARRY剥离力:50-125g,速度:300mm/分钟左右,剥离角度:165° -180°

	REEL	CARTON
CONNECTOR (PCS)	500	5000

USB TYPE C 16PIN 立贴 铆合 9.0-13.0包装图

QUADRANT POINT	联晟欣连接器(深圳)有限公司				
TANGENCY POINT	Lianshengxin Connector (Shenzhen) Co., Ltd				
INTERSECTION POINT					
UNLESS OTHERWISE SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE:
X. ±0.25	CHECKED		DATE		USB TYPE C 16PIN 立贴铆合9.0-13.0包装图
X.x ±0.20	APPROVED		DATE		
X.xx ±0.15	PART NO:	LCK-TCM008-LXXXWL-G1	REV:	04	SCALE: 1:1
ANGULAR ±3°	DRAWING NO:		UNIT:	mm	
			SIZE:	A4	SHEET: 1/1