

RoHS Compliant

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

特性:

一、电气性能: ELECTRICAL

1. 额定电流: 5.0A

2. 接触阻抗: 40 MILLIOHMS MAX

3. 耐电压: 100V AC / 1 mA MAX

4. 绝缘阻抗: 150V DC/100 MEGA OHMS MIN

二、机械性能:

1. 插入力: 5~20N 2. 拨出力: 8~20N

3. 使用寿命: 10000次、拔出力 5N MIN

三、材料: MATERIAL

四、电镀: FINISH

1. 端子: 接触点镀金1U"MIN

PIN脚焊接区域镀锡80U"MIN

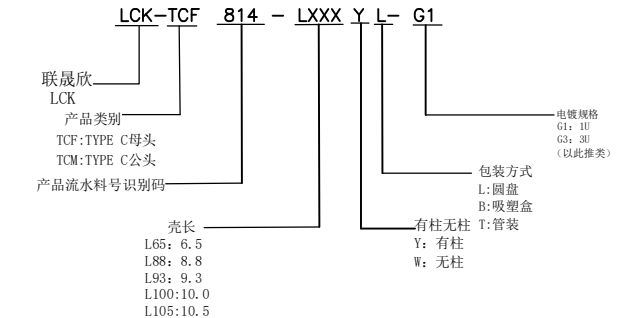
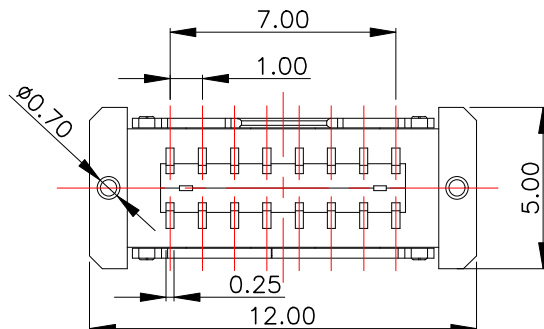
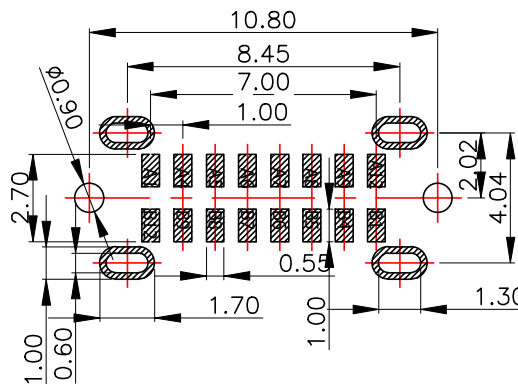
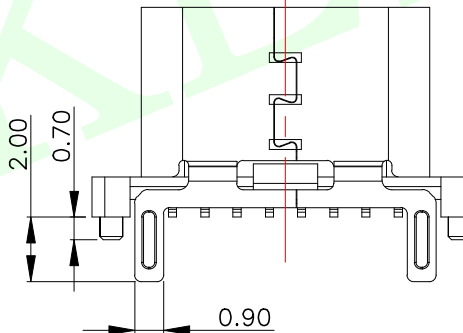
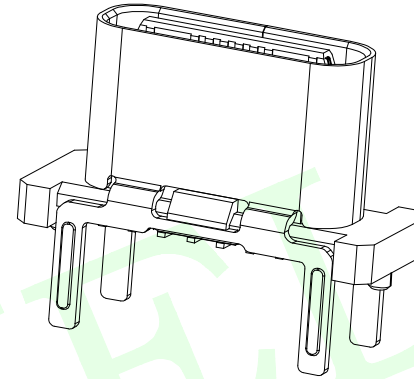
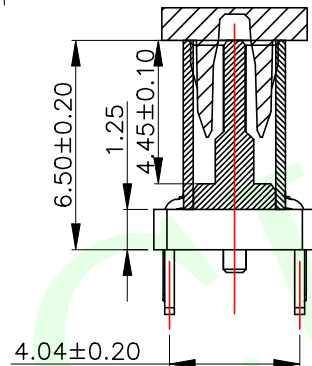
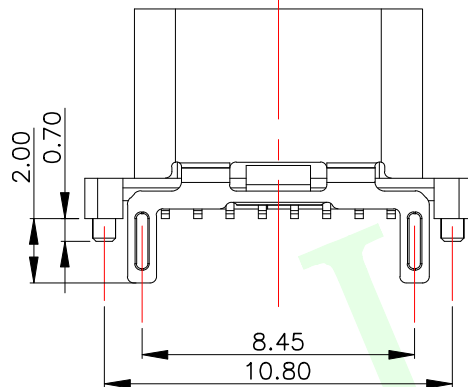
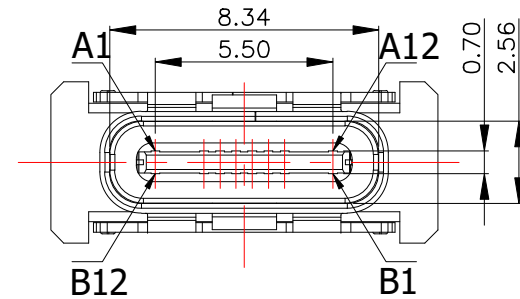
2. 外壳: 镀镍80U"MIN (盐雾48H)

五、电镀品需做粘锡测试: 粘锡面积达到95%以上。

六、SMT回流焊 (峰值260° C±5° C) 不能起泡、熔胶、变色不良 (变形在公差范围以内)

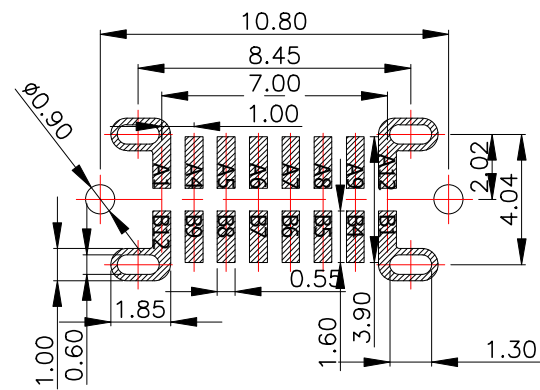
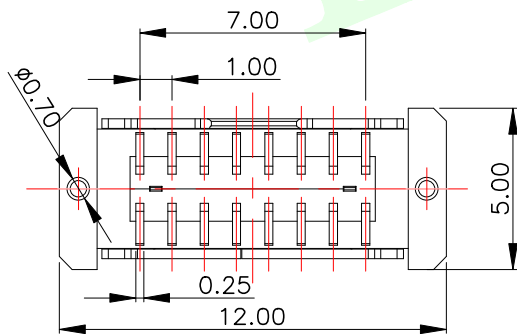
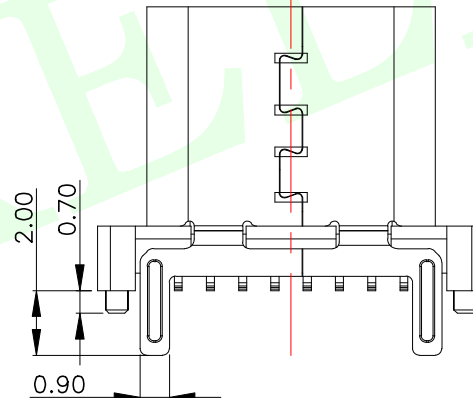
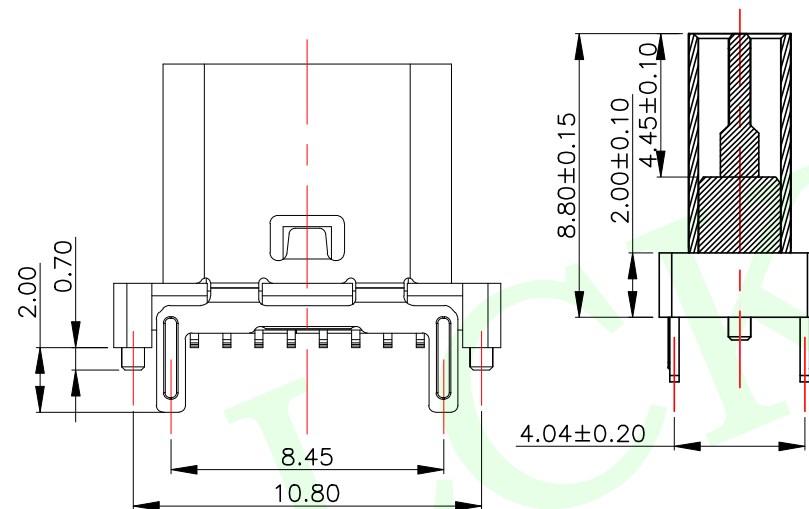
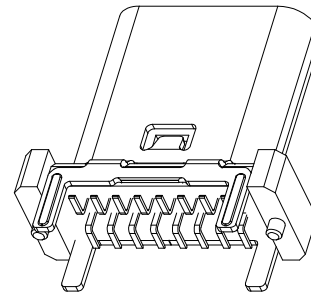
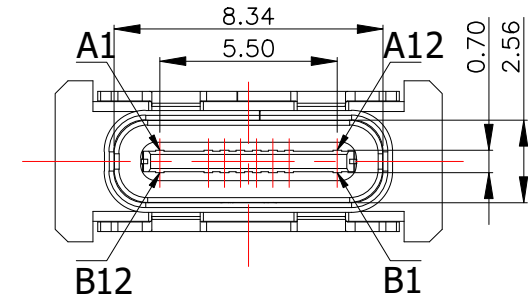
七、工作温度: -55° C~+85° C

八、盐雾测试: 通过48H在浓度为5±1%盐水的盐雾测试无生锈现象



BOM				
序号	名称	料号	用量	品名规格
1	外壳		1	Typec立插 外壳 SUS304 T=0.30mm
2	Molding 3		1	Typec立贴 SMT 16PIN Molding C7025 LCP黑色 L=6.5 半成品
2.1	Molding 1		1	Typec立贴 SMT 16PIN Molding A C7025 LCP黑色 L=6.5
2.2	Molding 2		1	Typec立贴 SMT 16PIN Molding B C7025 LCP黑色 L=6.5
2.3	卡勾		1	Typec立贴 SMT 16PIN 卡勾 SUS301 T=0.15mm L=6.5
MEASURE POINT: QUADRANT POINT (QP) TANGENCY POINT (TP) INTERSECTION POINT (IP) UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ±0.35 X.X ±0.25 X.XX ±0.15 ANGULAR ±3°				
DESIGN: Andy DATE: 2014.12.24 TITLE: TYPE C 16PIN 180度 立贴SMT型 6.5&10.5				
CHECKED: DATE: APPROVED: DATE: PART NO: LCK-TCF814-LXXXYL-G1 REV: 04 SCALE: 1:1 UNIT: mm				
DRAWING NO: 102022118 SIZE: A4 SHEET: 1/1				

RoHS Compliant



特性:

一、电气性能: ELECTRICAL

1. 额定电流: 5.0A
2. 接触阻抗: 40 MILLIOHMS MAX
3. 耐电压: 100V AC / 1 mA MAX
4. 绝缘阻抗: 150V DC/100 MEGA OHMS MIN

二、机械性能:

1. 插入力: 5~20N
2. 拨出力: 8~20N
3. 使用寿命: 10000次、拔出力 5N MIN

三、材料: MATERIAL

四、电镀: FINISH

1. 端子: 接触点镀金1U"MIN
PIN脚焊接区域镀锡80U"MIN
2. 外壳: 镀镍80U"MIN (盐雾48H)

- 五、电镀品需做粘锡测试: 粘锡面积达到95%以上。
- 六、SMT回流焊 (峰值260° C±5° C) 不能起泡、熔胶、变色不良 (变形在公差范围以内)
- 七、工作温度: -55° C~+85° C
- 八、盐雾测试: 通过48H在浓度为5±1%盐水的盐雾测试无生锈现象

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

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2.2	Molding 2		1	Typec立贴 SMT 16PIN Molding B C7025 LCP黑色
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		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		TYPE C 16PIN 180度 立贴SMT型
APPROVED		DATE		6.5&10.5
PART NO:	LCK-TCF814-LXXYL-G1	REV:	04	SCALE: 1:1
DRAWING NO:	102022118	SIZE:	A4	SHEET: 1/1

RoHS Compliant

特性:

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二、机械性能:

1. 插入力: 5~20N 2. 拨出力: 8~20N

3. 使用寿命: 10000次、拔出力 5N MIN

三、材料: MATERIAL

四、电镀: FINISH

1. 端子: 接触点镀金1U"MIN

PIN脚焊接区域镀锡80U"MIN

2. 外壳: 镀镍80U"MIN (盐雾48H)

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七、工作温度: -55° C~+85° C

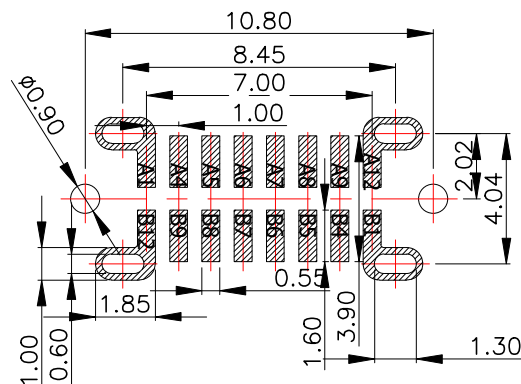
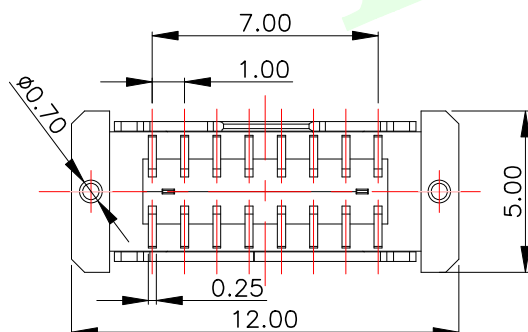
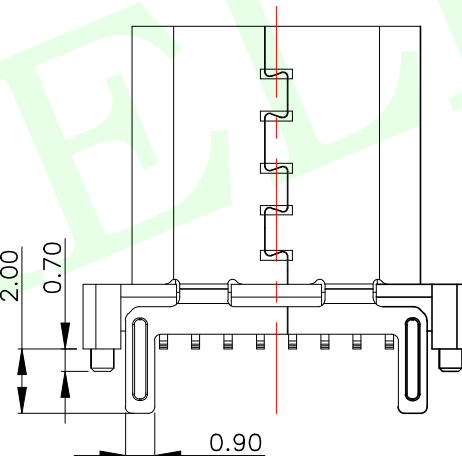
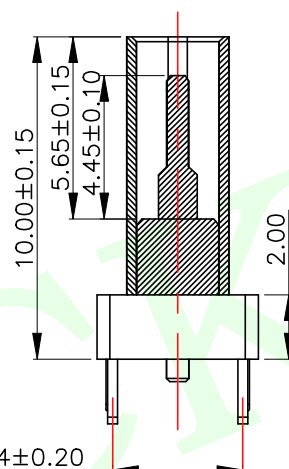
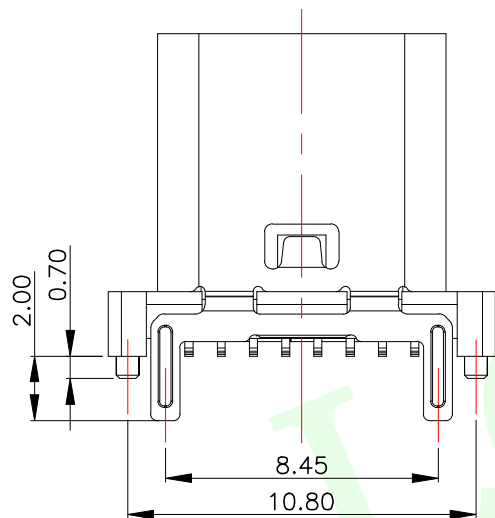
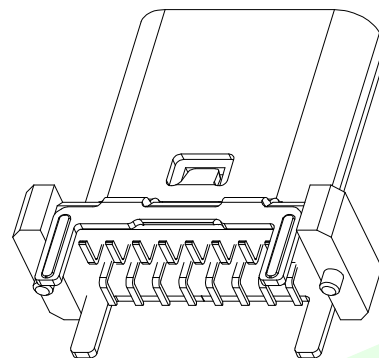
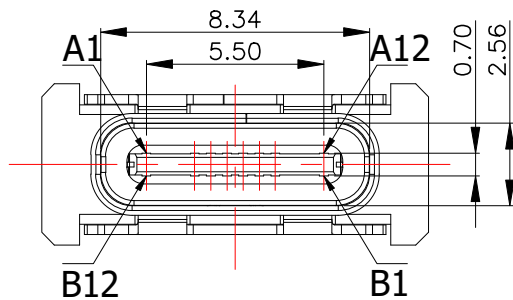
八、盐雾测试: 通过48H在浓度为5±1%盐水的盐雾测试无生锈现象

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
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GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
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DESIGN		Andy	DATE	2014.12.24
CHECKED			DATE	
APPROVED			DATE	
PART NO: LCK-TCF814-LXXXYL-G1		REV: 04		TITLE: TYPE C 16PIN 180度 立贴SMT型 6.5&10.5
DRAWING NO: 102022118		SIZE: A4		SCALE: 1:1 UNIT: mm
		SHEET: 1/1		

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

RoHS Compliant



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1. 额定电流: 5.0A

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A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
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DESIGN		Andy	DATE	2014.12.24
CHECKED			DATE	
APPROVED			DATE	
PART NO: LCK-TCF814-LXXYL-G1			REV: 04	SCALE: 1:1
DRAWING NO: 102022118			SIZE: A4	SHEET: 1/1
TITLE: TYPE C 16PIN 180度 立贴SMT型 6.5&10.5				
UNIT: mm				



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

RoHS Compliant

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四、电镀: FINISH

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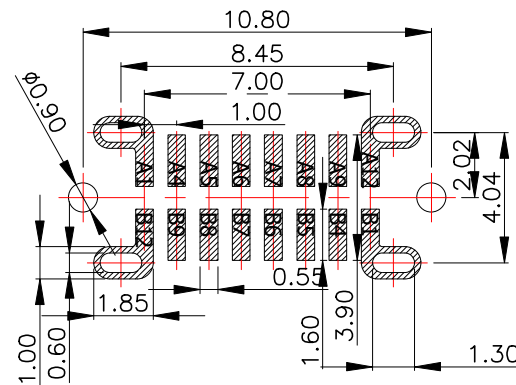
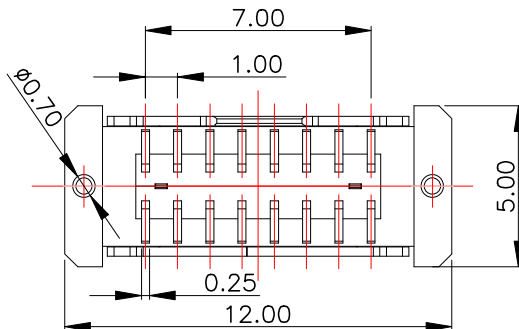
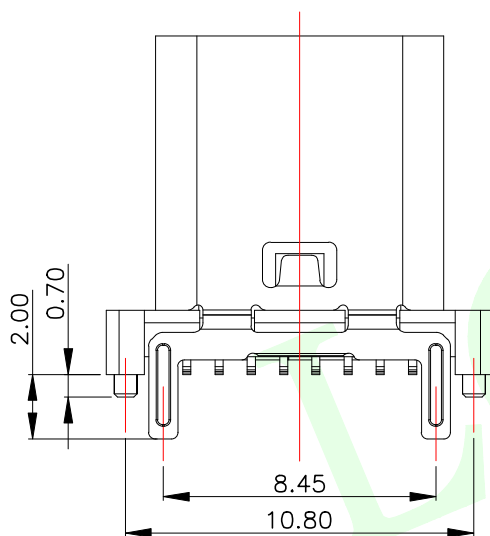
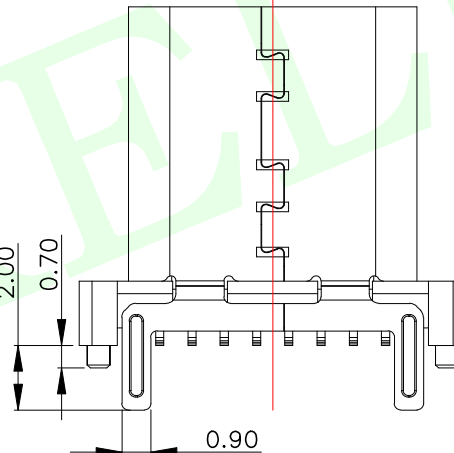
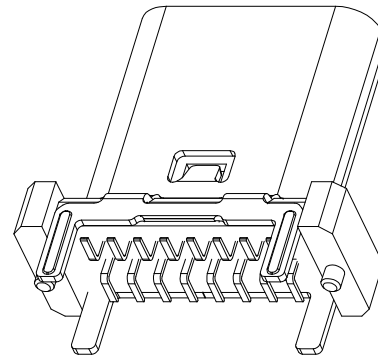
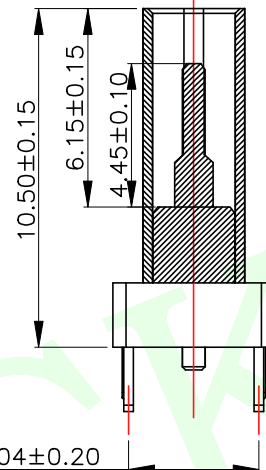
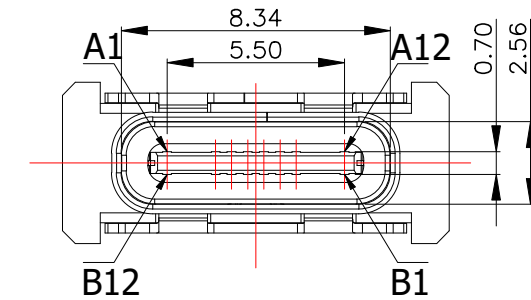
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DESIGN		Andy	DATE	2014.12.24
CHECKED			DATE	
APPROVED			DATE	
PART NO: LCK-TCF814-LXXYL-G1			REV: 04	SCALE: 1:1
DRAWING NO: 102022118			SIZE: A4	SHEET: 1/1
			UNIT: mm	

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

TITLE:
TYPE C 16PIN 180度 立贴SMT型
6.5&10.5



RoHS Compliant

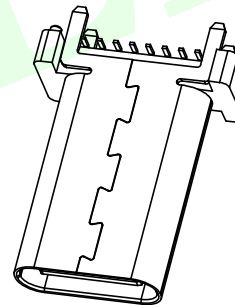
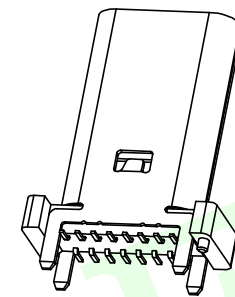
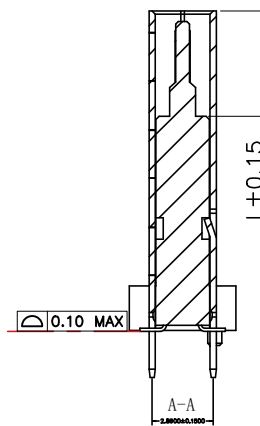
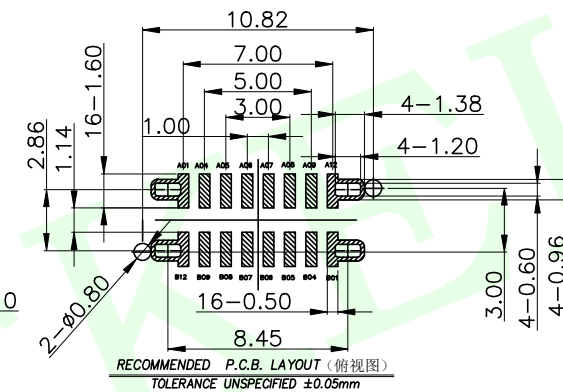
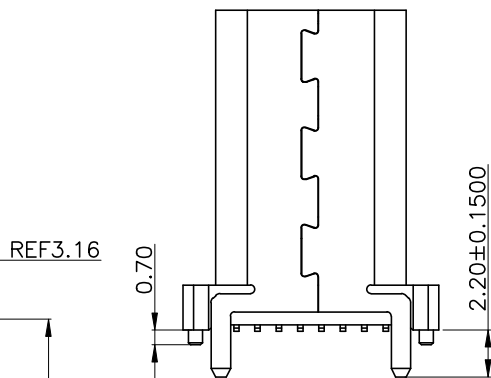
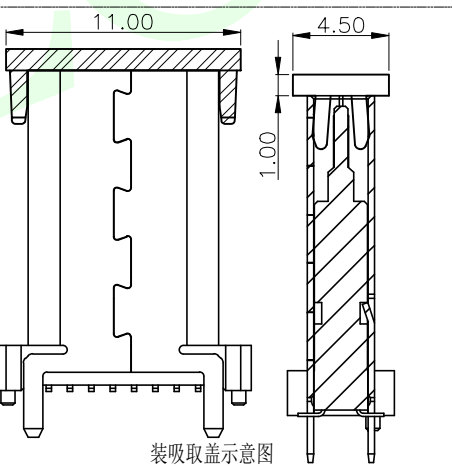
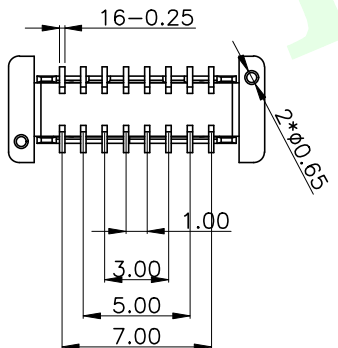
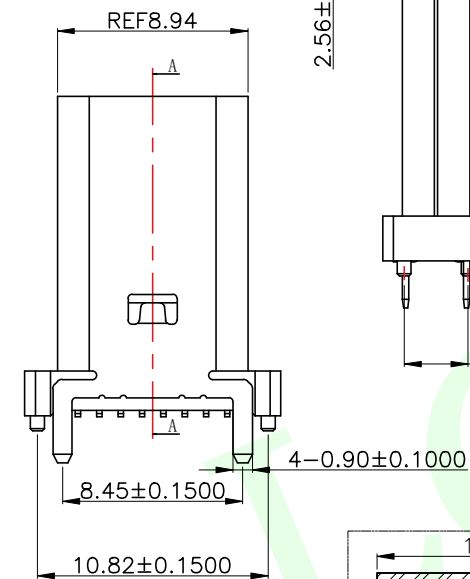
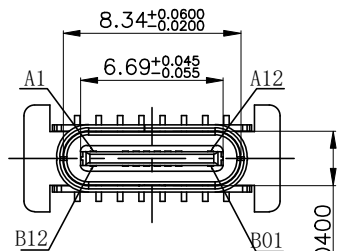
A

B

C

D

E



备注:

1.材质:

1.1 胶芯: LCP+30%G.F UL94V-0

1.2 端子: 黄铜C2680/高导电C7025, T=0.15mm;

1.3 外壳: SUS304/SUS201, T=0.30mm;

1.4 中夹片: SUS301, T=0.15mm;

2.主要特性:

2.1额定电流: 3A/5A

2.2接触阻抗: 40mΩ MAX(初始值)

50mΩ MAX(测试后)

2.3绝缘阻抗: 100MΩ MIN

2.4耐压测试: 100V AC R.M.S.

2.6整体插入力: 5-20N 整体插入力: 5-20N (耐久后)

整体拔出力: 8-20N 整体拔出力: 6-20N (耐久后)

2.7耐久: 10000次

2.8耐高温: 建议1. 波峰焊 2. SMT回流焊 (峰值260°±5°),

塑胶不能有起泡, 融胶等不良, 变色, 翘曲变形在公差范围以内;

2.9产品须做焊锡测试, 粘锡面积达到95%以上;

3.0盐雾测试: 48H MIN

3.1工作温度: -30℃~+85℃

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

BOM

序号	名称	料号	用量	品名规格
1	外壳		1	Typec立插 外壳 SUS304 T=0.30mm
2	Molding 3		1	Typec立贴 SMT 16PIN Molding C7025 LCP黑色 半成品
2.1	Molding 1		1	Typec立贴 SMT 16PIN Molding A C7025 LCP黑色
2.2	Molding 2		1	Typec立贴 SMT 16PIN Molding B C7025 LCP黑色
2.3	卡勾		1	Typec立贴 SMT 16PIN 卡勾 SUS301 T=0.15mm

MEASURE POINT:

QUADRANT POINT

TANGENCY POINT

INTERSECTION POINT

QP

TP

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 16PIN 180度 立贴SMT型
CHECKED		DATE			11.5&15.0
APPROVED		DATE			
PART NO:	LCK-TCF814-LXXXYL-G1	REV:	04	SCALE:	1:1
DRAWING NO:		SIZE:	A4	SHEET:	1/1

A

B

C

D

E