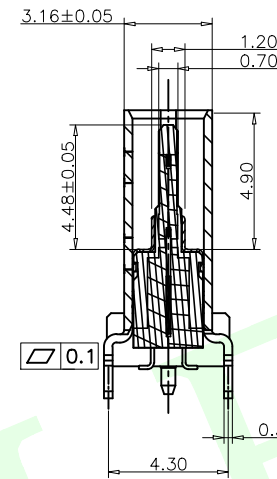
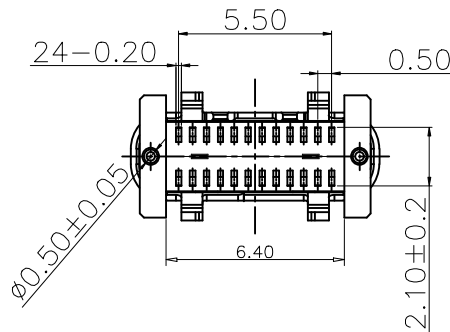
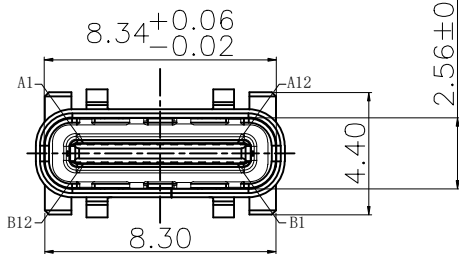


RoHS Compliant



SECTION A-A
SCALE 1:1

特性:

一、电气性能: EICTRICAL

1. 额定电流: 5.0A
2. 接触阻抗: 40 MILLIOHMS MAX
3. 耐电压: 150V 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. 拔出力: 8~20N
3. 使用寿命: 10000次, 拔出力 6N MIN

三、材料: MATERIAL

1. 塑胶: LCP UL94V-0
2. 端子: C7025 T=0.12MM
3. 外壳: SUS304 T=0.30MM
4. 卡勾: SUS304 T=0.15MM

四、电镀: FINISH

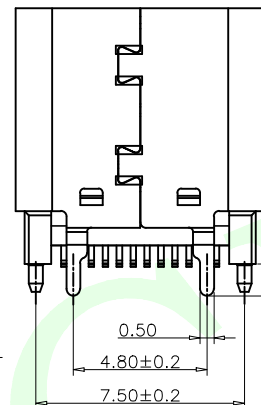
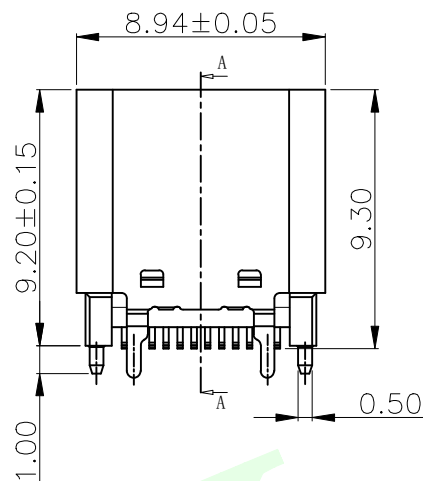
1. 端子: 接触点镀金1U"MIN
PIN 脚焊接区域镀金1U"MIN.
2. 外壳: 镀镍50U"MIN (盐雾48H)

五、电镀品需做粘锡测试: 粘锡面积达到95%以上。

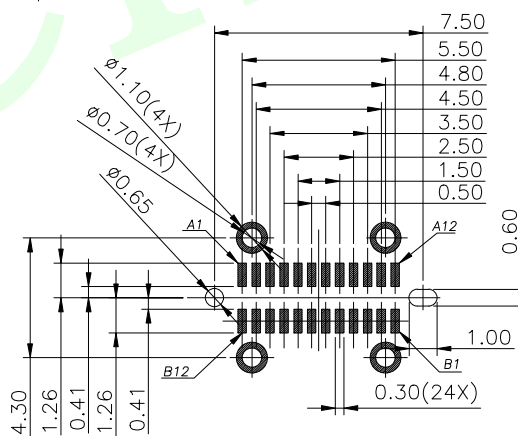
六、SMT回流焊 (峰值260°C±5°C) 不能起泡。

熔胶、变色不良 (变形在公差范围以内)

七、工作温度: -40°C~+85°C



WITH PICK UP COVER



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±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

LCK-TCF	921	LXXX	Y	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 L115=9.3 L124=10.00 L124=10.50				
				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)
TANGENCY POINT (TP)
INTERSECTION POINT (IP)

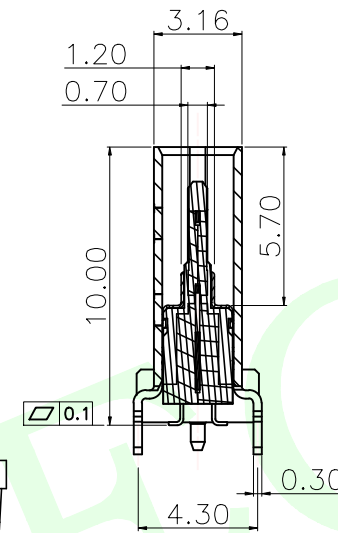
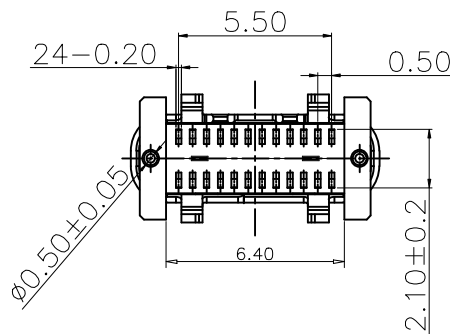
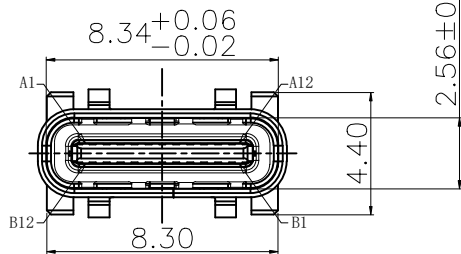
UNLESS OTHERWISE SPECIFIED,TOLERANCE:

X. ±0.50
X.x ±0.30
X.xx ±0.10
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 24PIN 立贴9.3/10.0/10.50
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF921-LXXXYL-G1		REV: 04		SCALE: 1:1	UNIT: mm
DRAWING NO:		SIZE: A4		SHEET: 1/1	

RoHS Compliant



SECTION A-A
SCALE 1:1

特性:

一、电气性能: ELECTRICAL

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

二、机械性能:

1. 插入力: 5~20N
2. 拔出力: 8~20N
3. 使用寿命: 10000次, 拔出力 6N MIN

三、材料: MATERIAL

1. 塑胶: LCP UL94V-0
2. 端子: C7025 T=0.12MM
3. 外壳: SUS304 T=0.30MM
4. 卡勾: SUS304 T=0.15MM

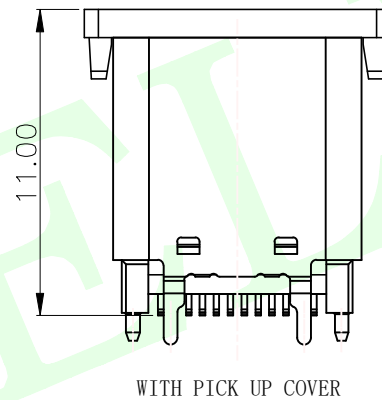
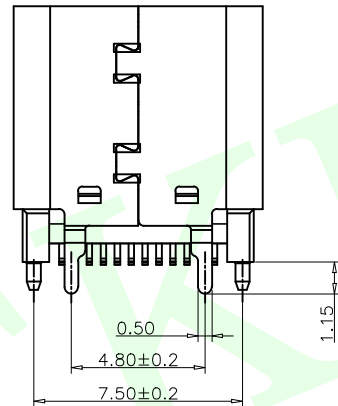
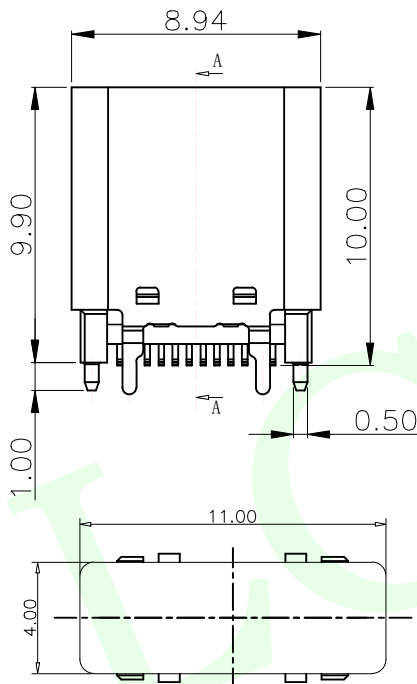
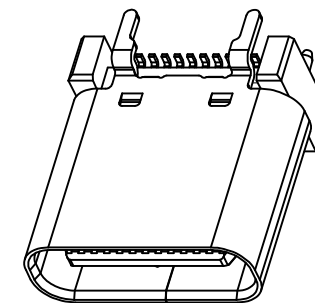
四、电镀: FINISH

1. 端子: 接触点镀1U"MIN
PIN 脚焊接区域镀金1U"MIN.
2. 外壳: 镀镍50U"MIN (盐雾48H)

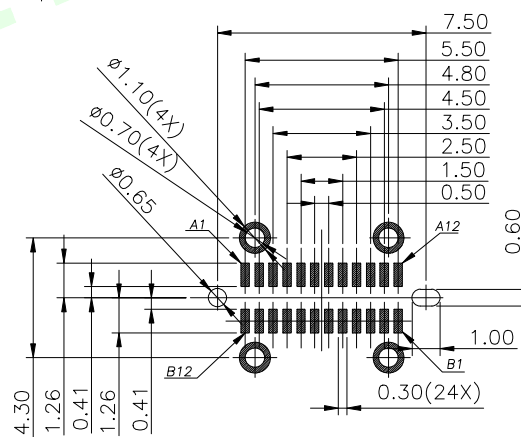
五、电镀品需做粘锡测试: 粘锡面积达到95%以上。

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: -40°C~+85°C



WITH PICK UP COVER



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±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

QUADRANT POINT (QP)
TANGENCY POINT (TP)
INTERSECTION POINT (IP)

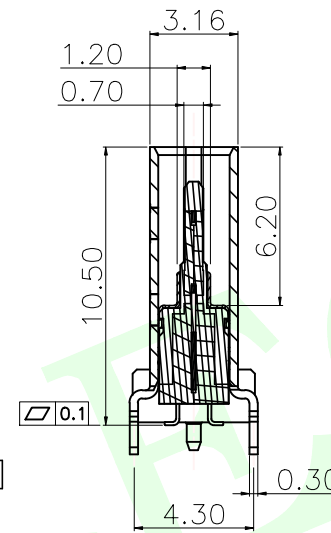
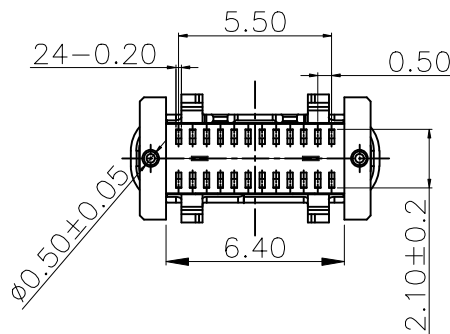
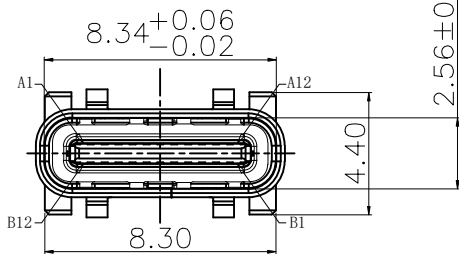
UNLESS OTHERWISE SPECIFIED, TOLERANCE:

X. ±0.50
X.x ±0.30
X.xx ±0.10
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 24PIN 立贴9.3/10.0/10.50
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF921-LXXYL-G1	REV: 04	SCALE: 1:1	UNIT: mm		
DRAWING NO:	SIZE: A4	SHEET: 1/1			

RoHS Compliant



SECTION A-A
SCALE 1:1

特性:

一、电气性能: EICTRICAL

1. 额定电流: 5.0A
2. 接触阻抗: 40 MILLIOHMS MAX
3. 耐电压: 150V 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. 拔出力: 8~20N
3. 使用寿命: 10000次, 拔出力 6N MIN

三、材料: MATERIAL

1. 塑胶: LCP UL94V-0
2. 端子: C7025 T=0.12MM
3. 外壳: SUS304 T=0.30MM
4. 卡勾: SUS304 T=0.15MM

四、电镀: FINISH

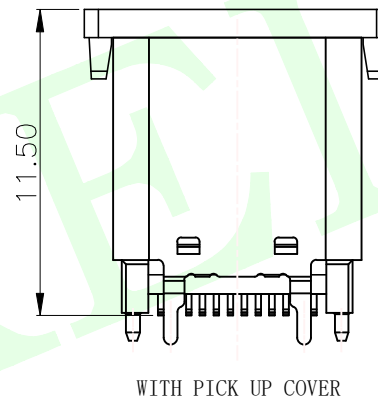
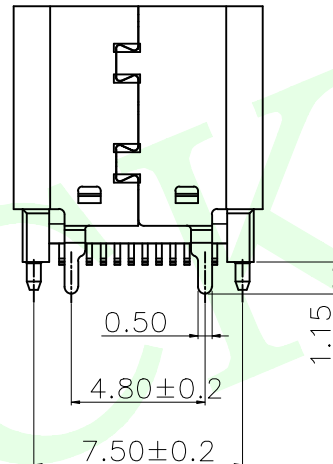
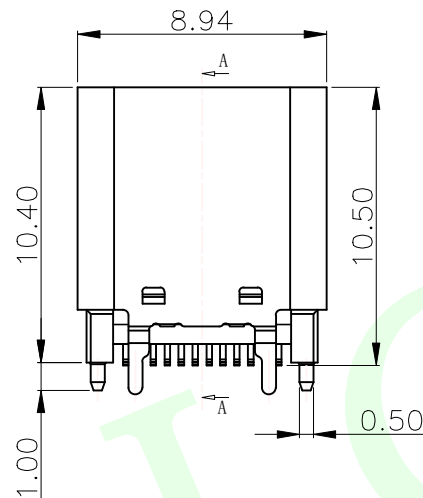
1. 端子: 接触点镀金1U"MIN
PIN 脚焊接区域镀金1U"MIN.
2. 外壳: 镀镍50U"MIN (盐雾48H)

五、电镀品需做粘锡测试: 粘锡面积达到95%以上.

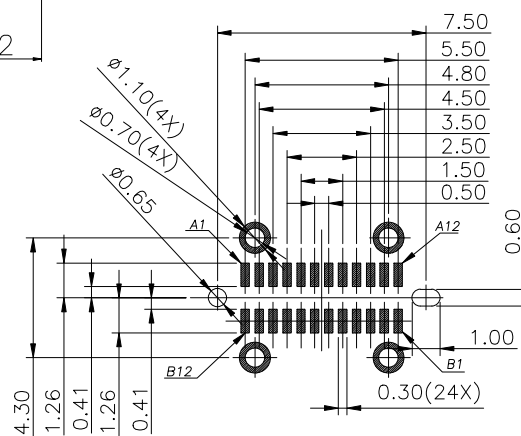
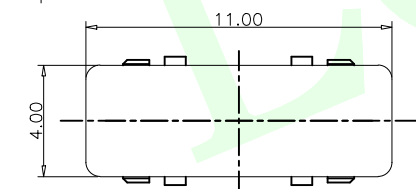
六、SMT回流焊 (峰值260°C±5°C) 不能起泡,

熔胶、变色不良 (变形在公差范围以内)

七、工作温度: -40°C~+85°C



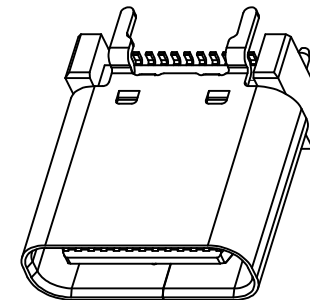
WITH PICK UP COVER



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±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



QUADRANT POINT QP
TANGENCY POINT TP
INTERSECTION POINT IP

UNLESS OTHERWISE
SPECIFIED,TOLERANCE:

X. ±0.50
X.x ±0.30
X.xx ±0.10
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 24PIN 立贴9.3/10.0/10.50
CHECKED		DATE			
APPROVED		DATE			
PART NO:	LCK-TCF921-LXXXYL-G1	REV:	04	SCALE:	1:1
DRAWING NO:		SIZE:	A4	SHEET:	1/1