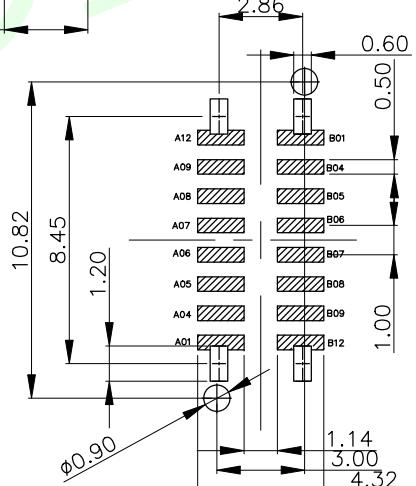
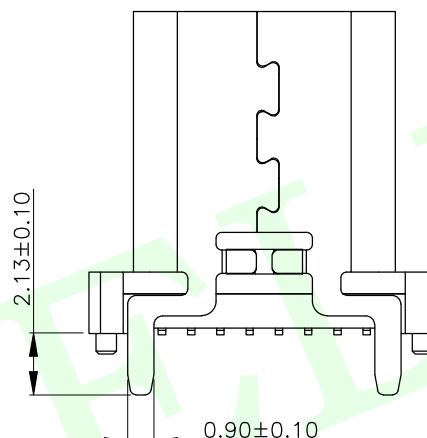
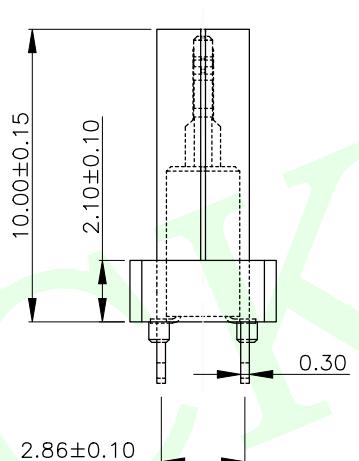
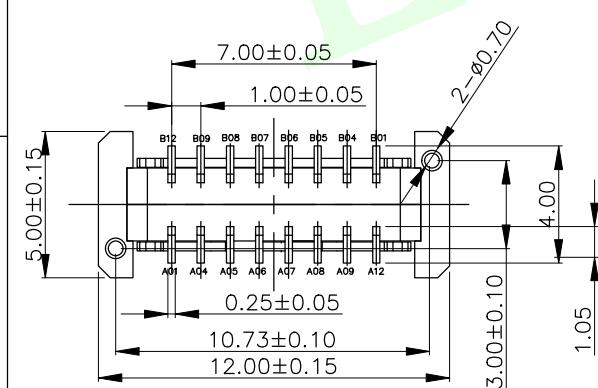
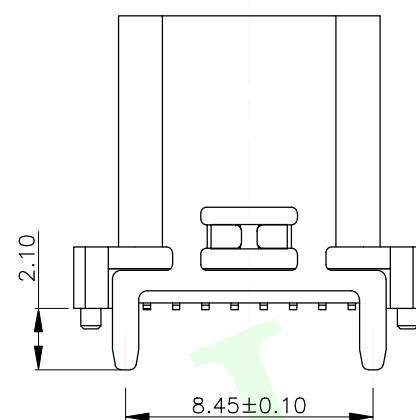
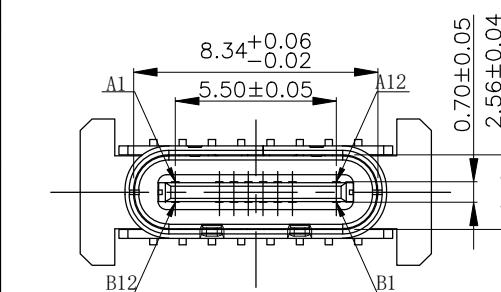


RoHS Compliant



备注:

1. 材质:
 - 1.1胶芯: LCP+30%G. F UL94V-0
 - 1.2端子: C7025 : 镍底50U" MIN 接触区域镀金 (AU 1u") 焊接区域镀金G/F
 - 1.3外壳: SUS304, T=0.30mm: 表面镀镍30U" MIN
 - 1.4中夹片: SUS301:
2. 主要特性:
 - 2.1额定电流: 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
 - 2.5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)
 - 2.6耐久: 10000次
 - 2.7耐高温: 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。
 - 2.8产品须做焊锡测试, 粘锡面积达到95%以上:
 - 2.9盐雾测试: 24H MIN
 - 2.10工作温度: -25°C ~ +80°C

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

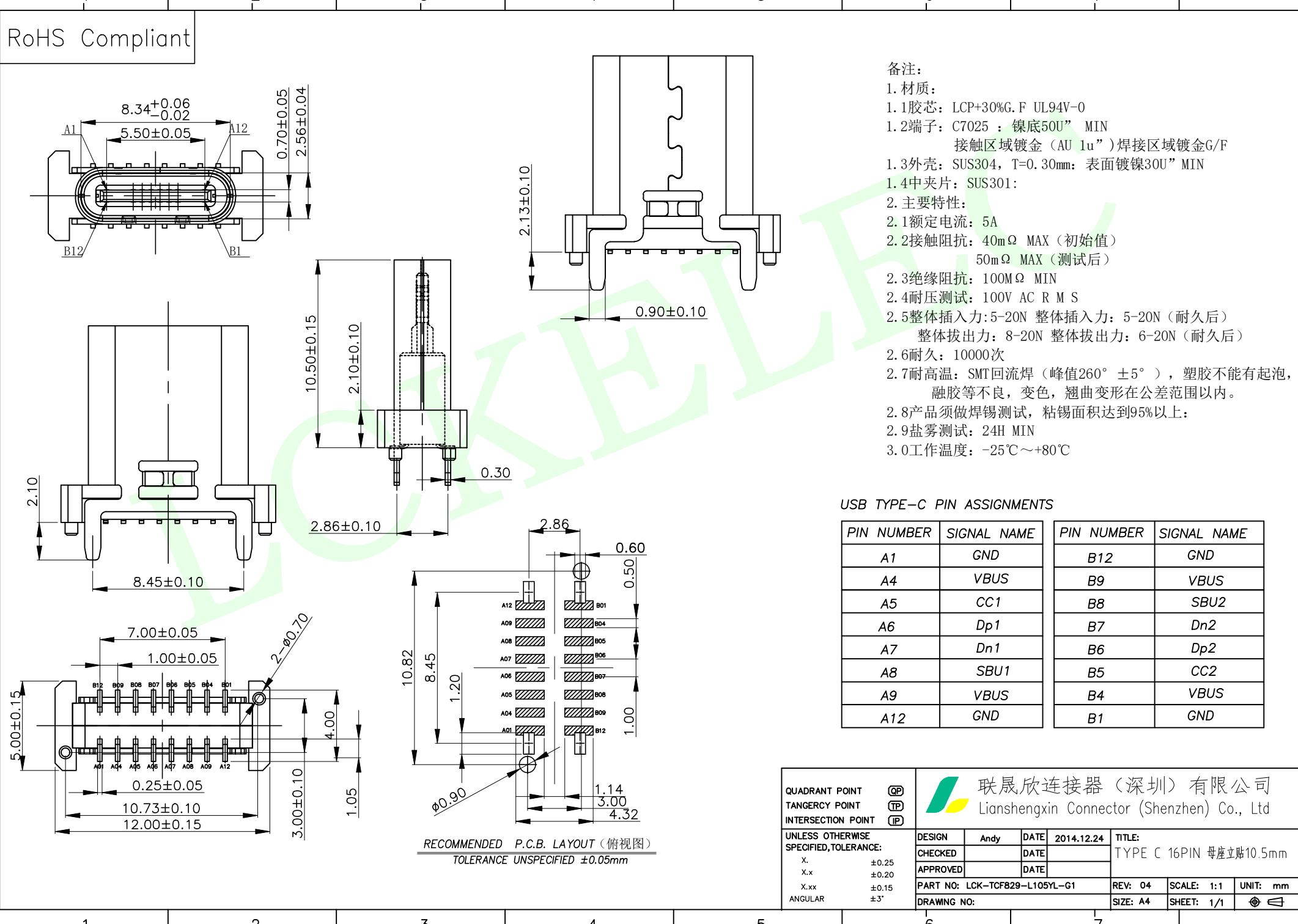
PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

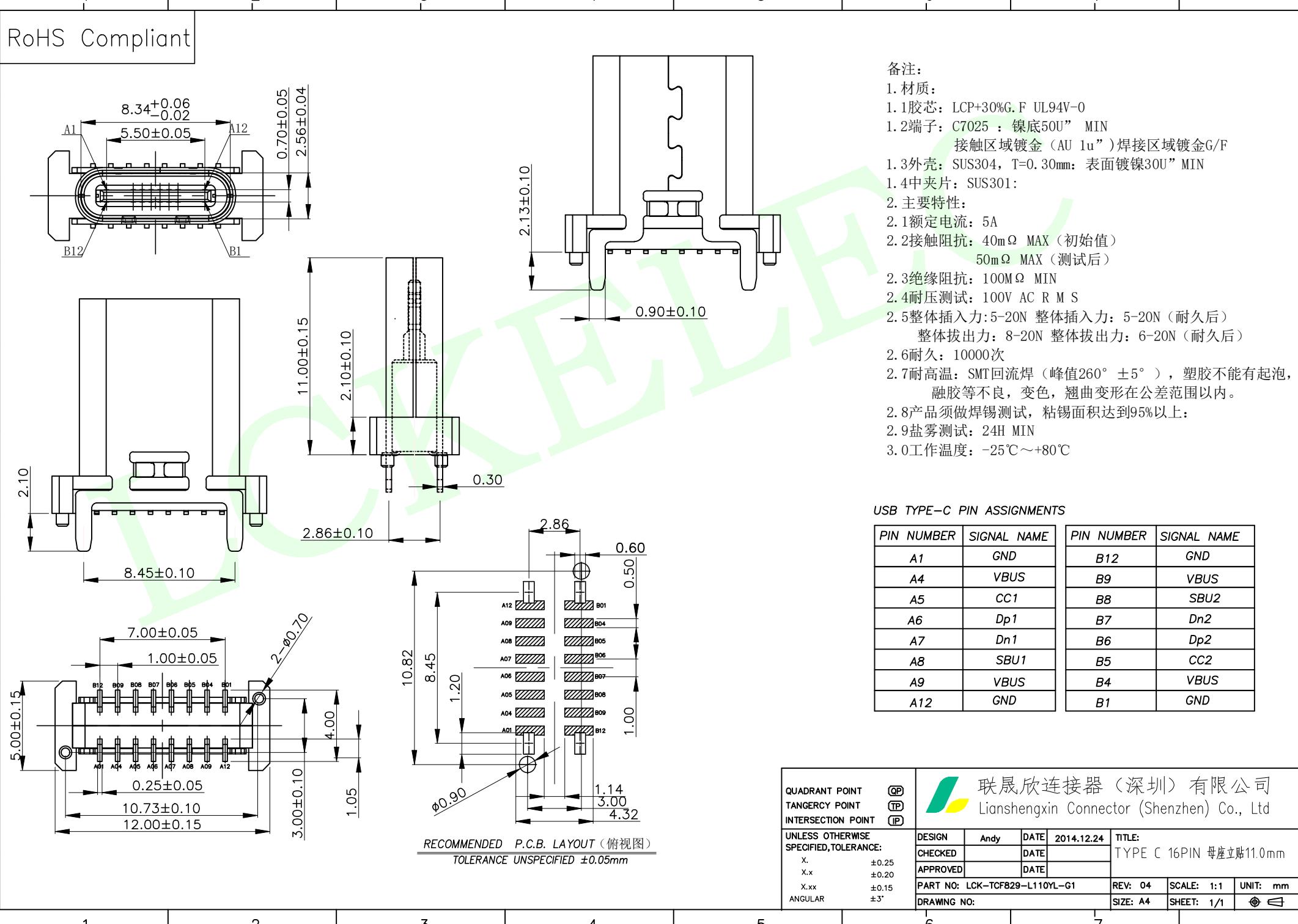
QUADRANT POINT
TANGENCY POINT
INTERSECTION POINT

UNLESS OTHERWISE SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE:
X. ± 0.25	CHECKED	DATE			TYPE C 16PIN 母座立贴10.0mm
X.x. ± 0.20	APPROVED	DATE			
X.xx. ± 0.15					
ANGULAR $\pm 3^\circ$					
	PART NO:	LCK-TCF829-L100YL-G1	REV: 04	SCALE: 1:1	UNIT: mm
	DRAWING NO:		SIZE: A4	SHEET: 1/1	◎

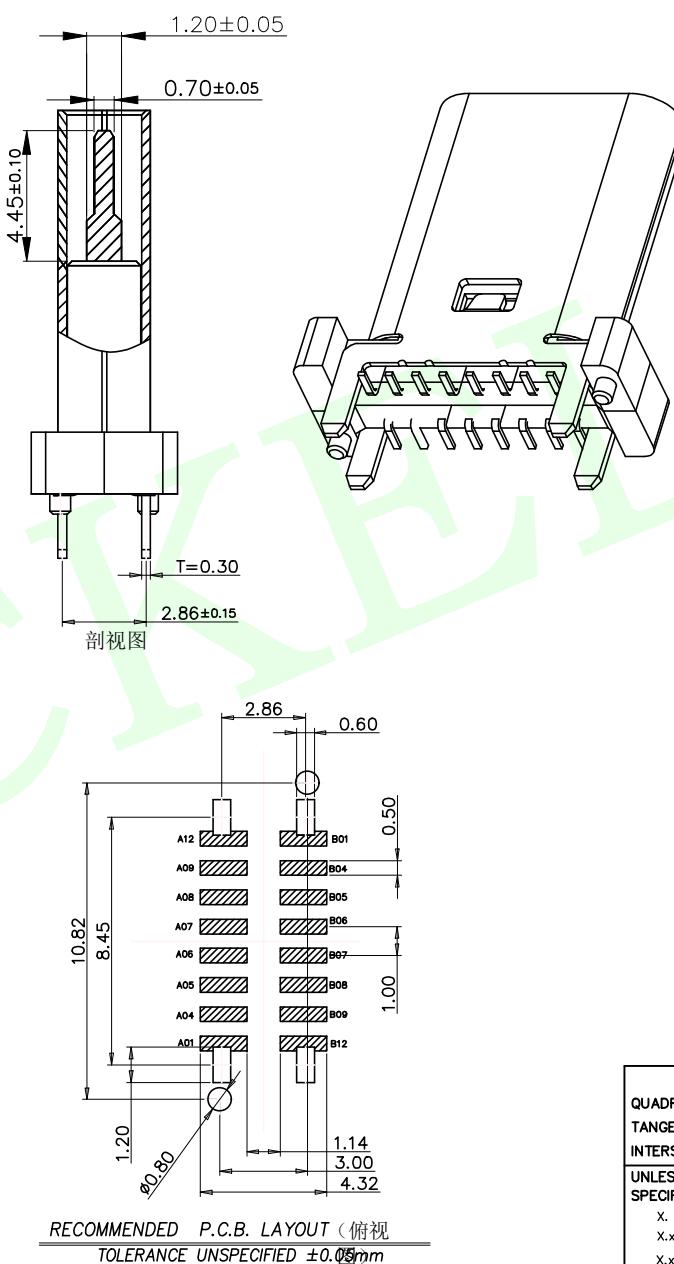
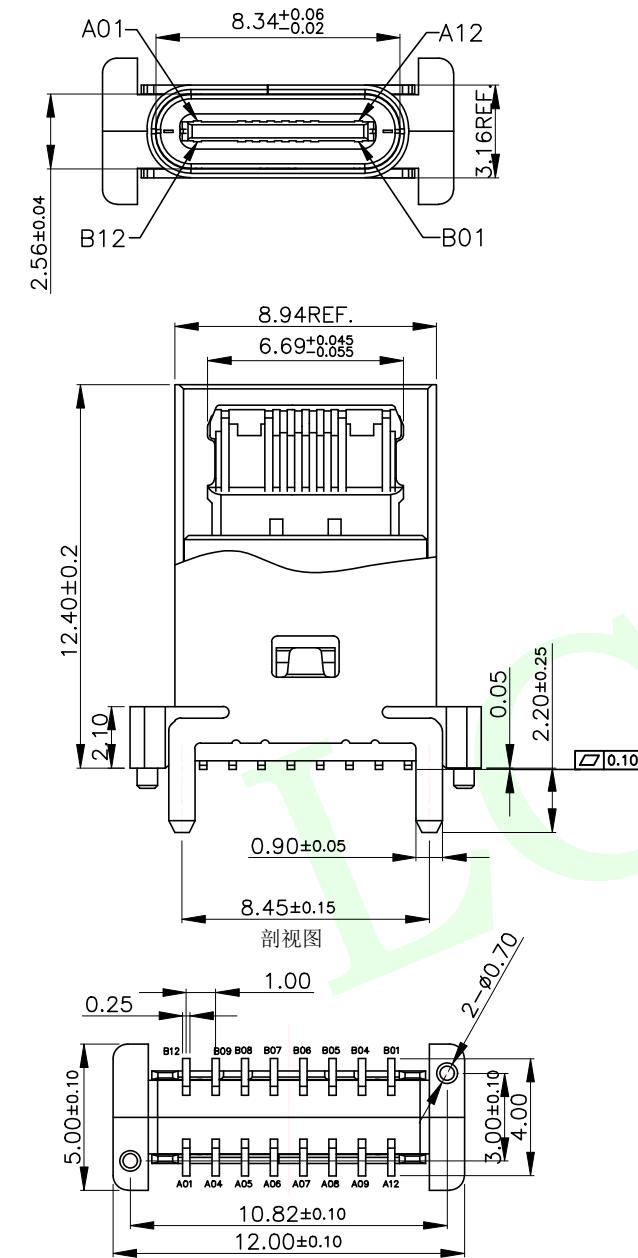


联晟欣连接器(深圳)有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd





RoHS Compliant



备注：

1. 材质：
 - 1.1 胶芯：LCP+30%G.F UL94V-0
 - 1.2 端子：C7025：镍底50U” MIN
接触区域镀金 (AU 1u") 焊接区域镀金G/F
 - 1.3 外壳：SUS304, T=0.30mm: 表面镀镍30U" MIN
 - 1.4 中夹片：SUS301:
 2. 主要特性：
 - 2.1 额定电流：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
 - 2.5 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)
 - 2.6 耐久：10000次
 - 2.7 耐高温：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。
 - 2.8 产品须做焊锡测试，粘锡面积达到95%以上：
 - 2.9 盐雾测试：24H MIN
 - 3.0 工作温度：-25°C ~ +80°C

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	D _{p1}
A7	D _{n1}
A8	SBU1
A9	VBUS
A12	GND

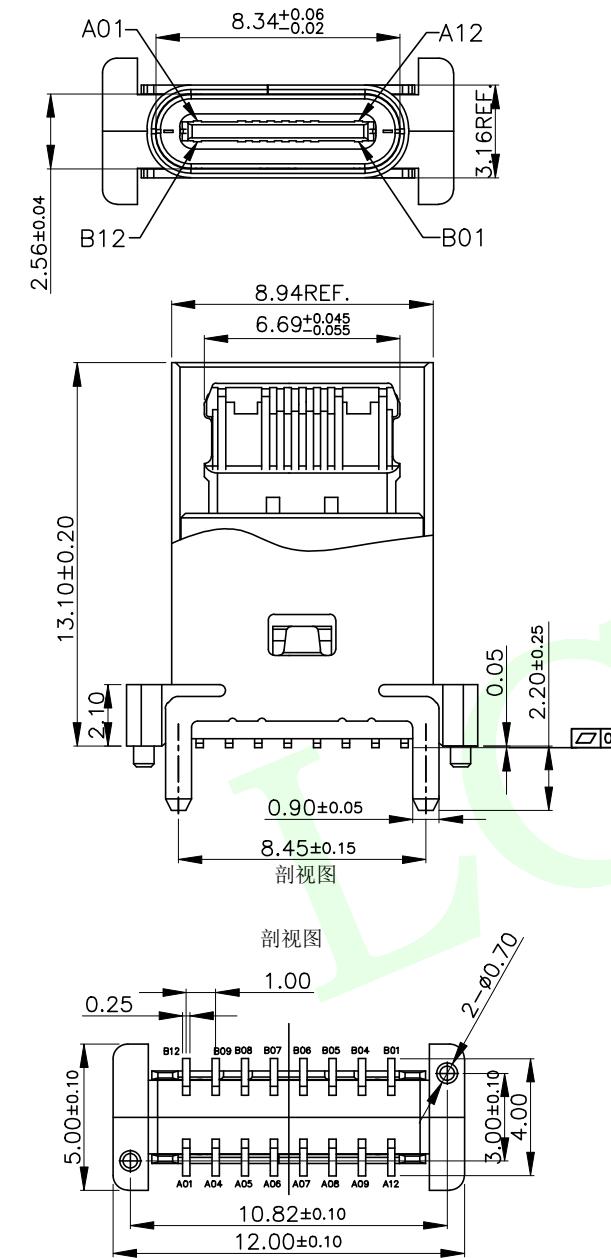
PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

QUADRANT PO
TANGENCY PO
INTERSECTION

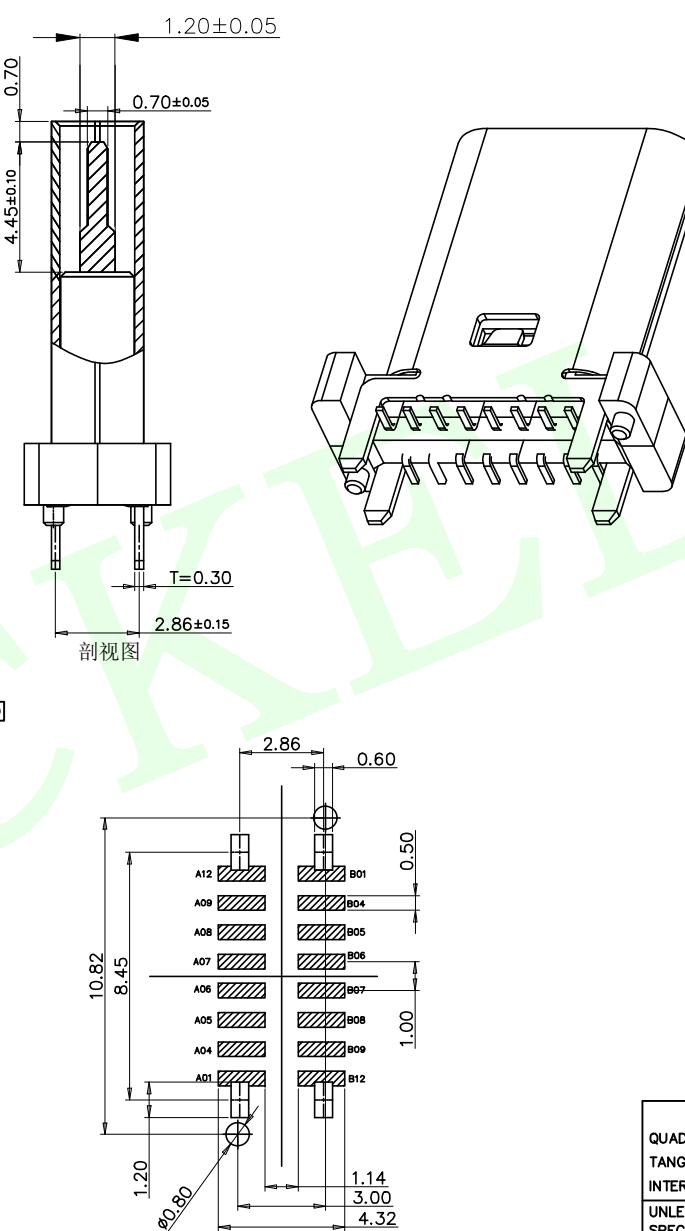
联晟欣连接器（深圳）有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°	DESIGN	Andy	DATE	2014.12.24	TITLE: TYPE C 16PIN 母座立貼12.4mm			
	CHECKED		DATE					
	APPROVED		DATE					
	PART NO: LCK-TCF829-L124YL-G1				REV: 04	SCALE: 1:1	UNIT: mm	
	DRAWING NO:				SIZE: A4	SHEET: 1/1		

RoHS Compliant



RECOMMENDED P.C.B. LAYOUT (俯视
TOLERANCE UNSPECIFIED ± 0.05 mm



备注:

- 1. 材质:
 - 1.1 胶芯: LCP+30%G.F UL94V-0
 - 1.2 端子: C7025 : 镍底50U" MIN
接触区域镀金 (AU 1u") 焊接区域镀金G/F
 - 1.3 外壳: SUS304, T=0.30mm: 表面镀镍30U" MIN
 - 1.4 中夹片: SUS301:
 - 2. 主要特性:
 - 2.1 额定电流: 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
 - 2.5 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)
 - 2.6 耐久: 10000 次
 - 2.7 耐高温: 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。
 - 2.8 产品须做焊锡测试, 粘锡面积达到95%以上:
 - 2.9 盐雾测试: 24H MIN
 - 3.0 工作温度: -25°C ~ +80°C

USB TYPE-C PIN ASSIGNMENTS

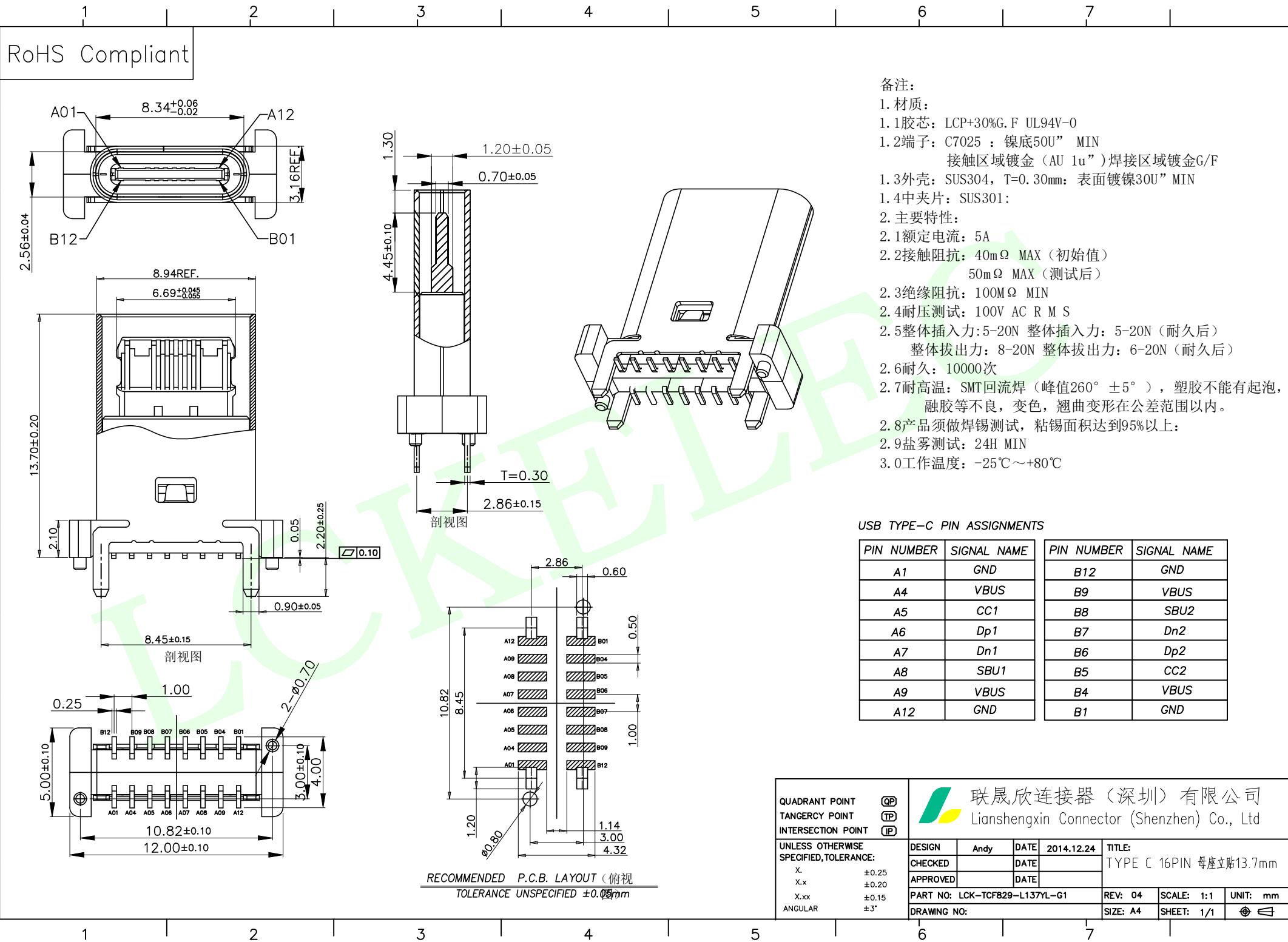
PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	D _{p1}
A7	D _{n1}
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

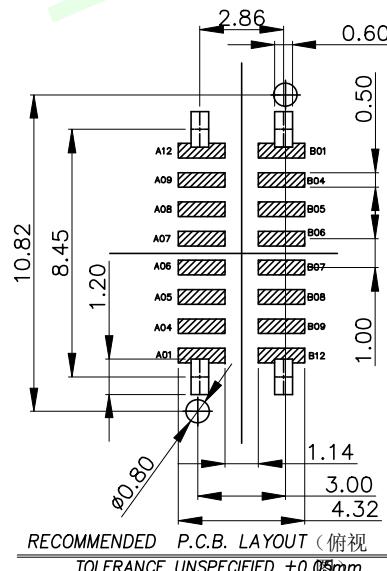
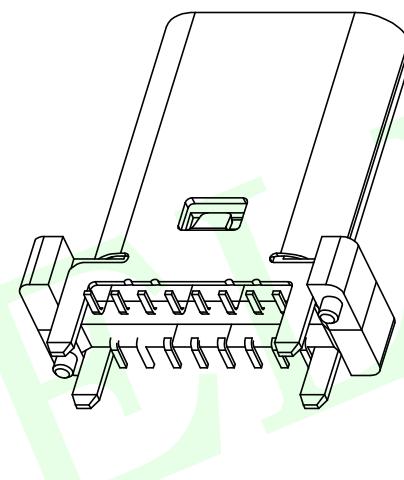
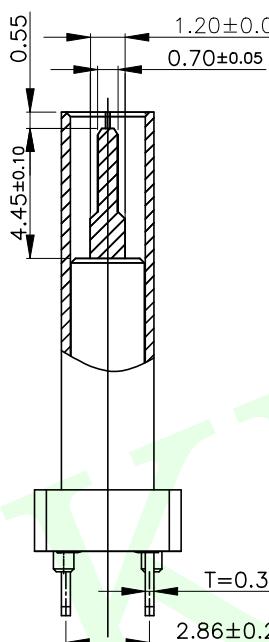
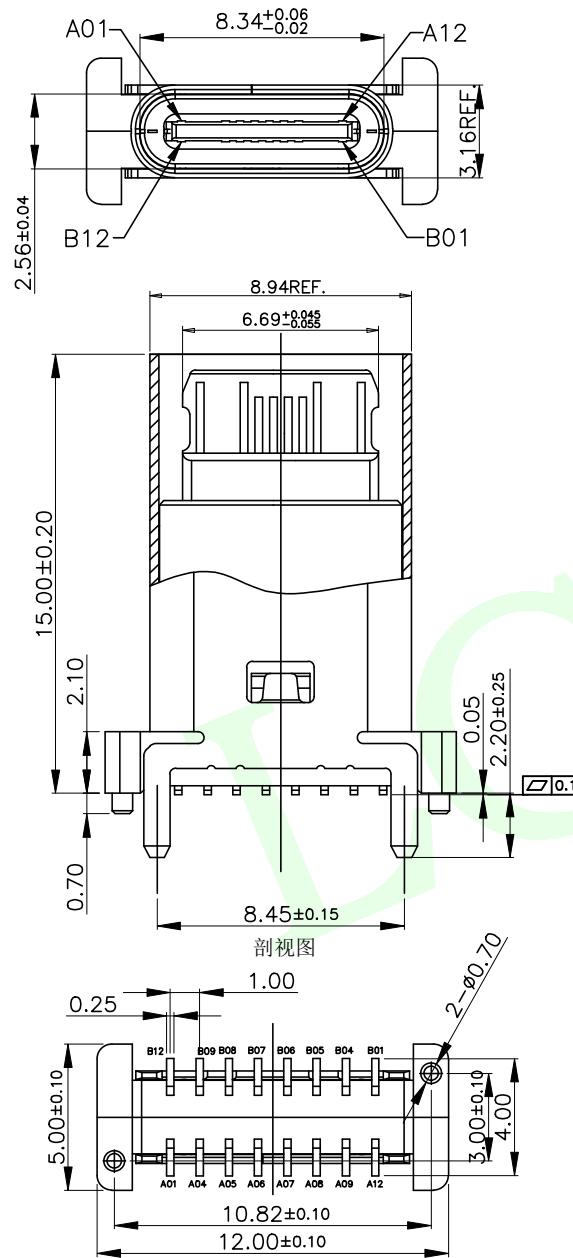
QUADRANT POINTS
TANGENCY POINTS
INTERSECTION

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

UNLESS OTHERWISE SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE: TYPE C 16PIN 母座立贴13.1mm		
X.	CHECKED		DATE				
X.x	APPROVED		DATE				
X.xx	PART NO: LCK-TCFB829-L131YL-G1			REV: 04	SCALE: 1:1	UNIT: mm	
ANGULAR	DRAWING NO:			SIZE: A4	SHEET: 1/1		◎



RoHS Compliant



备注：

1. 材质：
 - 1.1 胶芯：LCP+30%G.F UL94V-0
 - 1.2 端子：C7025：镍底50U” MIN
接触区域镀金 (AU 1u") 焊接区域镀金G/F
 - 1.3 外壳：SUS304, T=0.30mm: 表面镀镍30U" MIN
 - 1.4 中夹片：SUS301:
 2. 主要特性：
 - 2.1 额定电流：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
 - 2.5 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)
 - 2.6 耐久：10000次
 - 2.7 耐高温：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。
 - 2.8 产品须做焊锡测试，粘锡面积达到95%以上：
 - 2.9 盐雾测试：24H MIN
 - 3.0 工作温度：-25°C ~ +80°C

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	D _p 1
A7	D _n 1
A8	SBU1
A9	VBUS
A12	GND

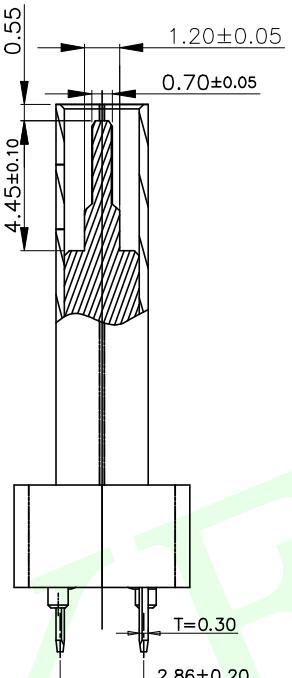
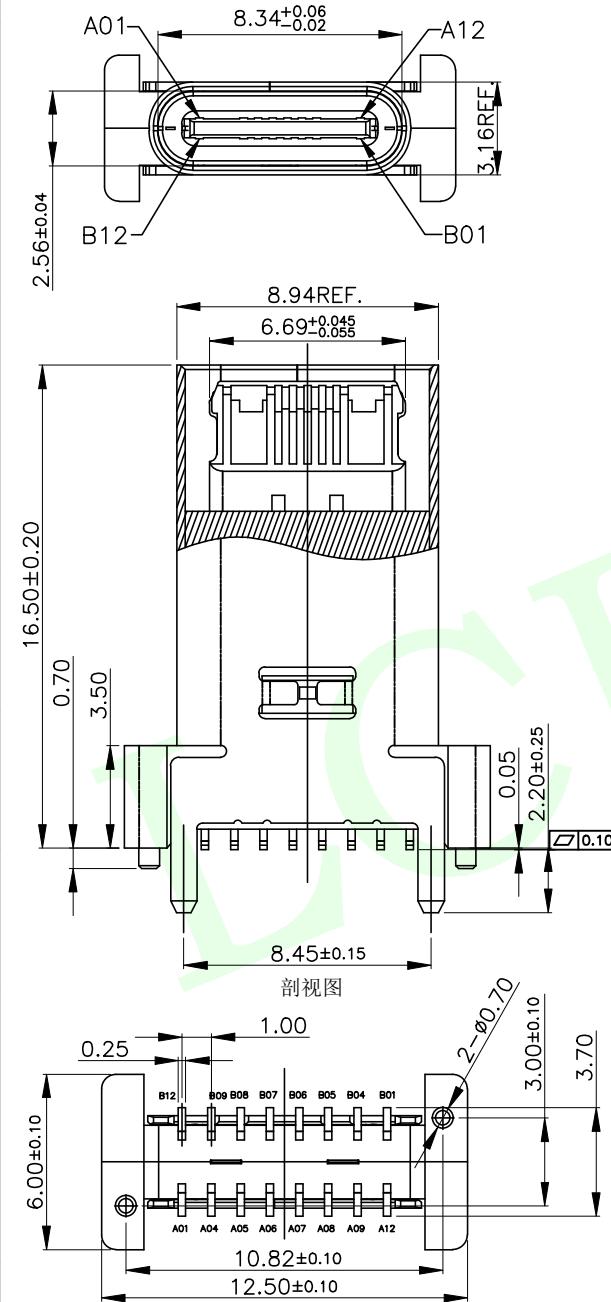
PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

QUADRANT PO
TANGENCY PO
INTERSECTION

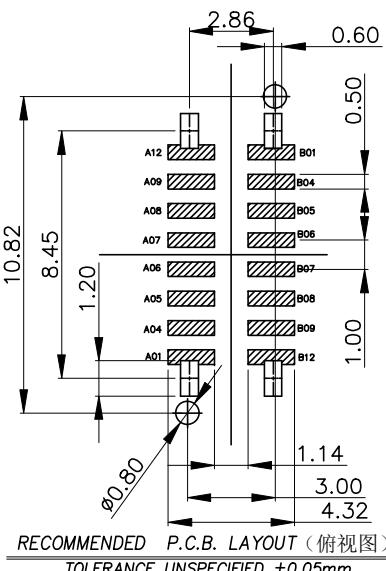
联晟欣连接器（深圳）有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

UNLESS OTHERWISE SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE: TYPE C 16PIN 母座立貼 15.0mm		
X.	±0.25	CHECKED	DATE				
X.x	±0.20	APPROVED	DATE				
X.xx	±0.15	PART NO: LCK-TCF829-L150YL-G1			REV: 04	SCALE: 1:1	UNIT: mm
ANGULAR	±3°	DRAWING NO:			SIZE: A4	SHEET: 1/1	◎

RoHS Compliant



剖视图



备注：

1. 材质:
 - 1.1 胶芯: LCP+30%G.F UL94V-0
 - 1.2 端子: C7025 : 镍底50U" MIN
接触区域镀金 (AU 1u") 焊接区域镀金G/F
 - 1.3 外壳: SUS304, T=0.30mm: 表面镀镍30U" MIN
 - 1.4 中夹片: SUS301:
 2. 主要特性:
 - 2.1 额定电流: 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 RMS
 - 2.5 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)
 - 2.6 耐久: 10000 次
 - 2.7 耐高温: 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。
 - 2.8 产品须做焊锡测试, 粘锡面积达到95%以上:
 - 2.9 盐雾测试: 24H MIN
 - 3.0 工作温度: -25°C ~ +80°C

USB TYPE-C PIN ASSIGNMENTS

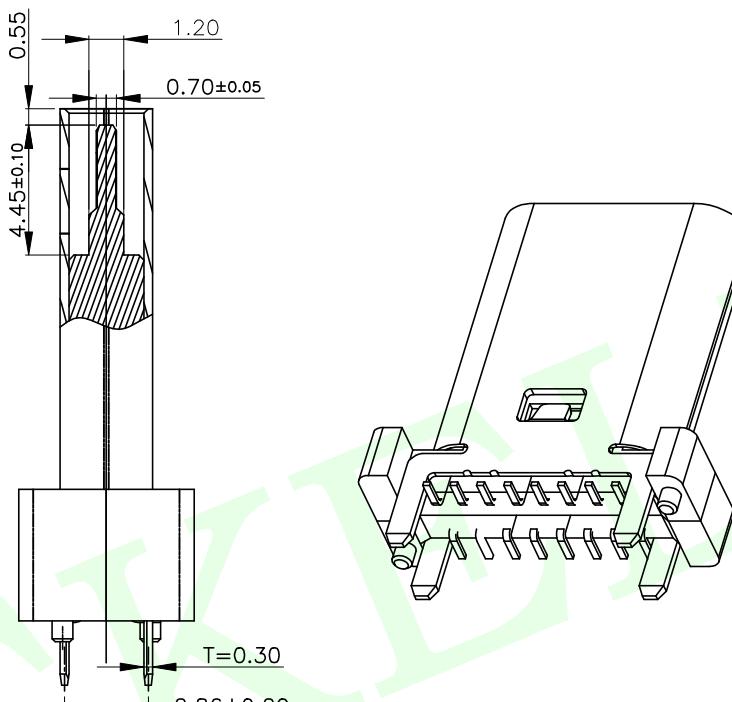
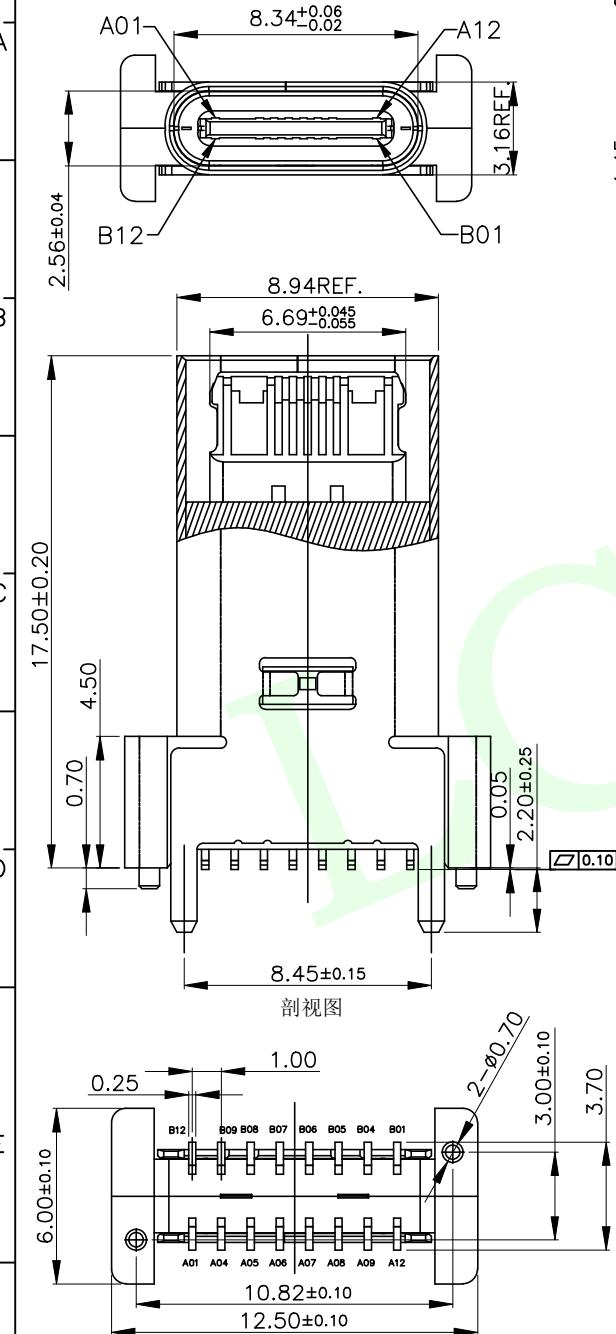
PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	D _{p1}
A7	D _{n1}
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

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

QUADRANT POINT	QP	联晟欣连接器(深圳)有限公司					
TANGENCY POINT	TP	Lianshengxin Connector (Shenzhen) Co., Ltd					
INTERSECTION POINT	IP						
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN	Andy	DATE	2014.12.24	TITLE:	
X.		CHECKED		DATE		TYPE C 16PIN 母座立贴16.5mm	
X.x		APPROVED		DATE			
X.xx		PART NO: LCK-TCF829-L165YL-G1			REV: 04	SCALE: 1:1	UNIT: mm
ANGULAR		DRAWING NO:			SIZE: A4	SHEET: 1/1	◎

RoHS Compliant



备注：

1. 材质:
 - 1.1 胶芯: LCP+30%G.F UL94V-0
 - 1.2 端子: C7025 : 镍底50U" MIN
接触区域镀金 (AU 1u") 焊接区域镀金G/F
 - 1.3 外壳: SUS304, T=0.30mm: 表面镀镍30U" MIN
 - 1.4 中夹片: SUS301:
 2. 主要特性:
 - 2.1 额定电流: 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
 - 2.5 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)
 - 2.6 耐久: 10000次
 - 2.7 耐高温: 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。
 - 2.8 产品须做焊锡测试, 粘锡面积达到95%以上:
 - 2.9 盐雾测试: 24H MIN
 - 3.0 工作温度: -25°C ~ +80°C

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	D _{p1}
A7	D _{n1}
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

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

RECOMMENDED P.C.B. LAYOUT (俯视图)

TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

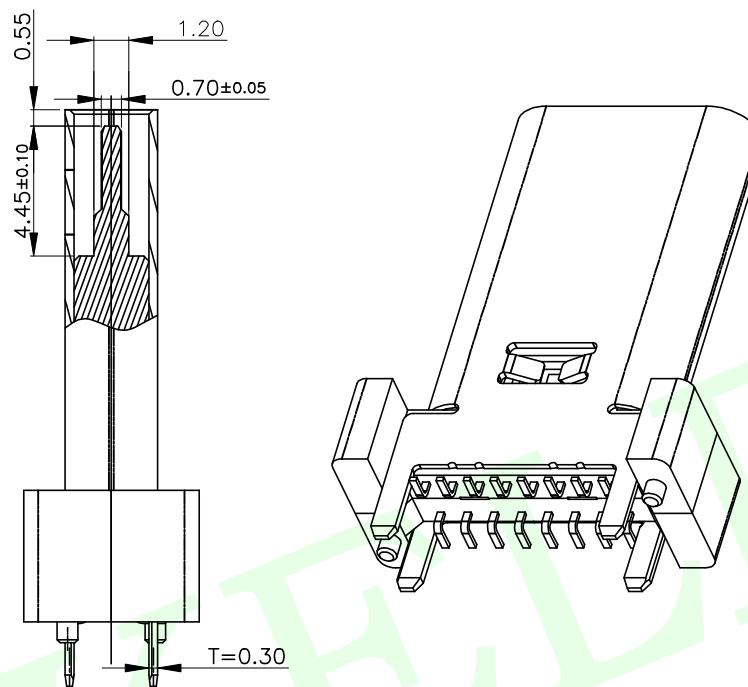
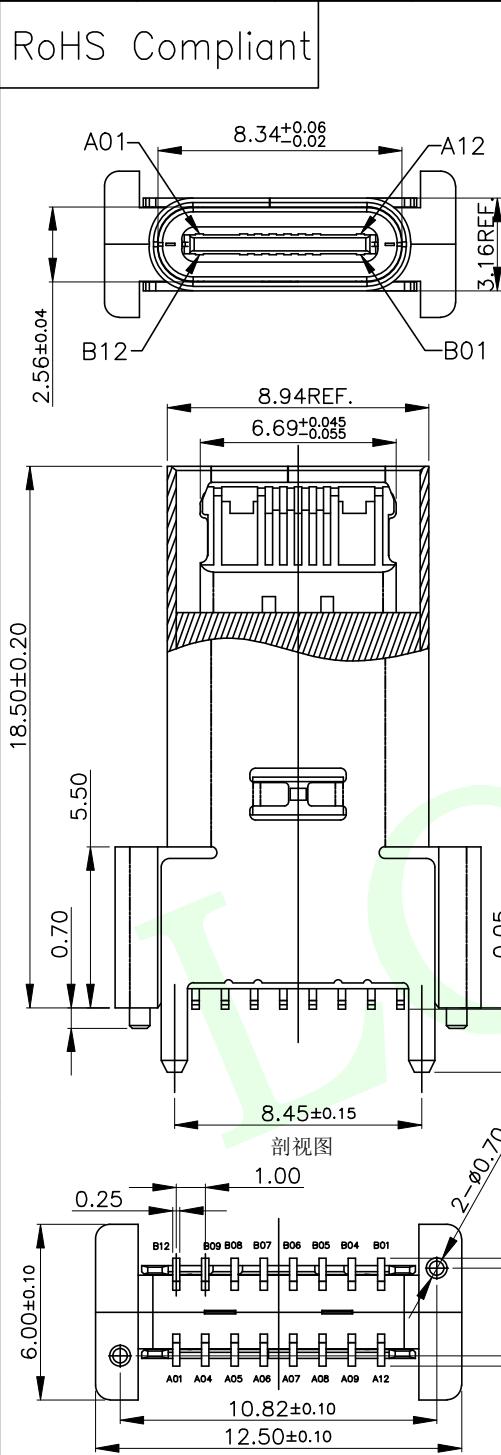
1.14

3.00

4.32

$\theta C.80$

UNLESS OTHERWISE SPECIFIED, TOLERANCE:
 X. ± 0.25
 X.x ± 0.20
 X.xx ± 0.15
 ANGULAR $\pm 3^\circ$

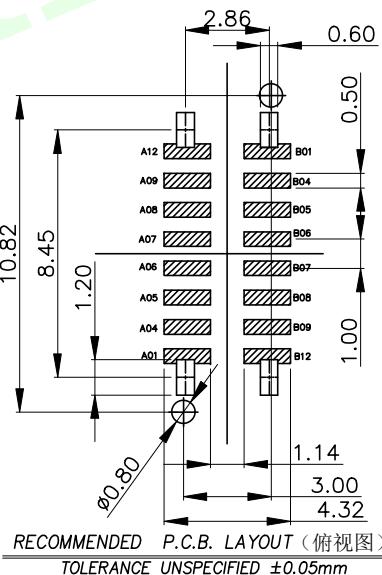


备注:

1. 材质:
 - 1.1胶芯: LCP+30%G. F UL94V-0
 - 1.2端子: C7025 : 镍底50U" MIN
接触区域镀金 (AU 1u") 焊接区域镀金G/F
- 1.3外壳: SUS304, T=0.30mm: 表面镀镍30U" MIN
- 1.4中夹片: SUS301:
2. 主要特性:
 - 2.1额定电流: 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 RMS
 - 2.5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)
 - 2.6耐久: 10000次
 - 2.7耐高温: 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。
 - 2.8产品须做焊锡测试, 焊锡面积达到95%以上:
 - 2.9盐雾测试: 24H MIN
- 3.0工作温度: -25°C ~ +80°C

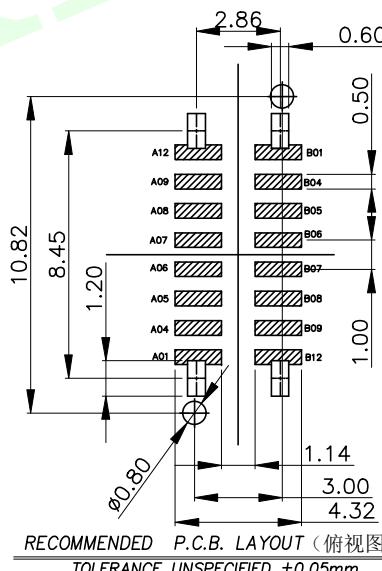
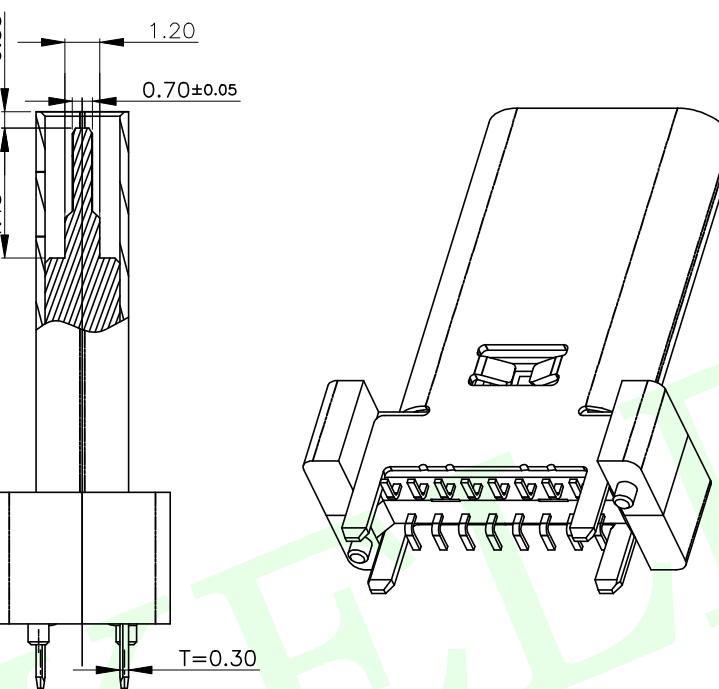
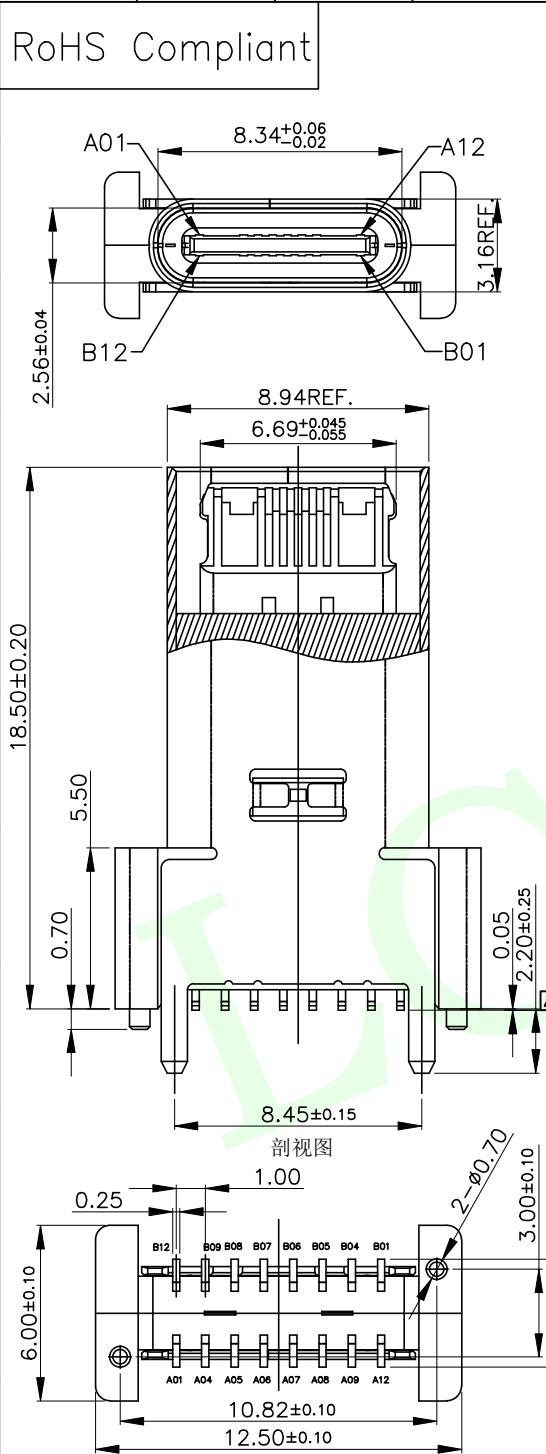
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



QUADRANT POINT SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE:
X. X. X.xx ANGULAR	±0.25 ±0.20 ±0.15 ±3°				TYPE C 16PIN 母座立贴18.5mm
	CHECKED		DATE		
	APPROVED		DATE		
					PART NO: LCK-TCF829-L185YL-G1
					REV: 04 SCALE: 1:1 UNIT: mm
					DRAWING NO:
					SIZE: A4 SHEET: 1/1

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



QUADRANT POINT TANGENCY POINT INTERSECTION POINT	QP TP IP	联晟欣连接器(深圳)有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		
X.	±0.25	DESIGN Andy DATE 2014.12.24 TITLE: TYPE C 16PIN 母座立贴18.5mm
X.X	±0.20	CHECKED DATE
X.XX	±0.15	APPROVED DATE
ANGULAR	±3°	PART NO: LCK-TCF829-L185YL-G1 REV: 04 SCALE: 1:1 UNIT: mm
		DRAWING NO: SIZE: A4 SHEET: 1/1