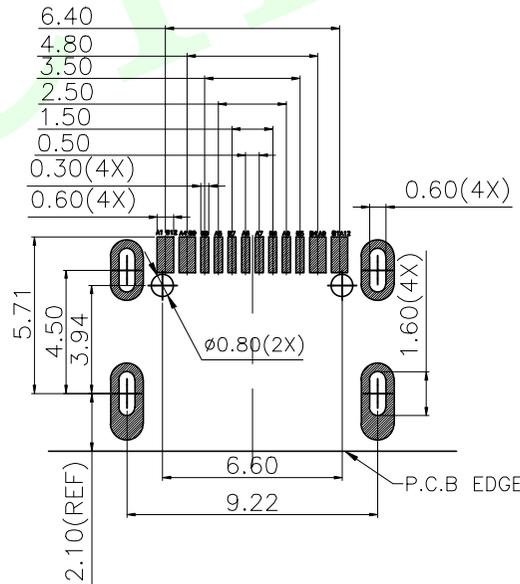
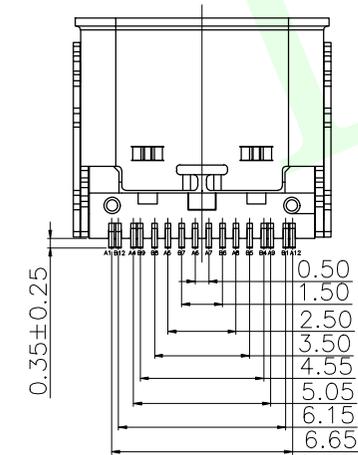
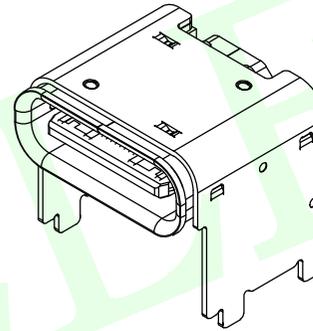
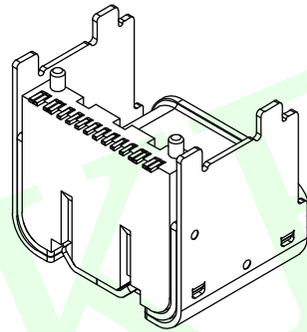
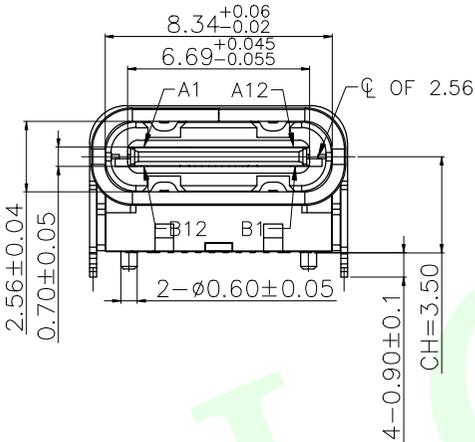
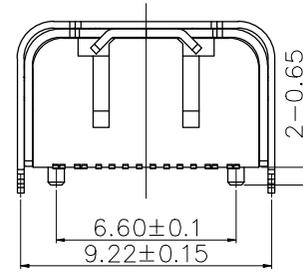
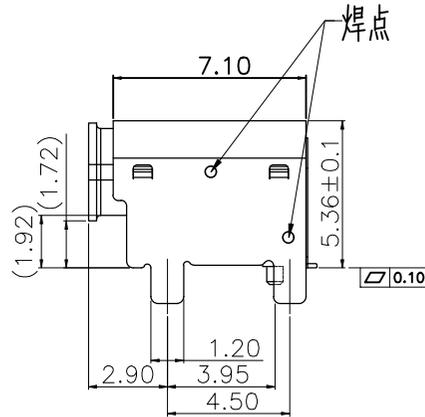
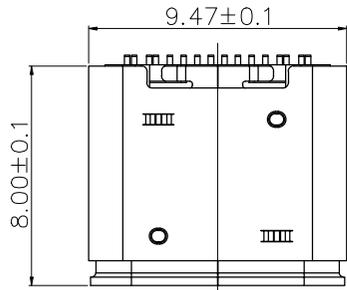


RoHS Compliant



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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

一. 原材料:

1. 塑胶:UL 94V-0型LCP黑色
2. 端子:0.15厚铜合金 C7025
3. 外壳:不锈钢 304
4. 卡勾:不锈钢 301

二. 电镀:

1. 端子:半金镍1u"
2. 外壳:镀哑镍

三. 机械性能:

插入力:5~20N  
 拔出力:寿命测试前8~20N,  
 寿命测试后5~20N  
 耐插拔:500次/H, 10000 次  
 工作温度:0°C~+50°C  
 储存温度:-20°C~60°C

四. 电气性能:

额定电流:5A  
 接触阻抗:寿命测试前40 m Max.  
 寿命测试后50 m Max  
 耐高压:100V AC 1分钟 Min.  
 无击穿, 无电弧  
 绝缘阻抗:100 M Min.

五. 环境性能:

环 保: 产品符合ROHS要求  
 盐雾测试: 温度35±2°C,  
 湿度: 95—98%;  
 PH值: 6.5—7.2,  
 镀金区48H, 镀镍区24H

4. 焊接工艺: 推荐使用回流焊,  
 本产品耐温260度, 8S

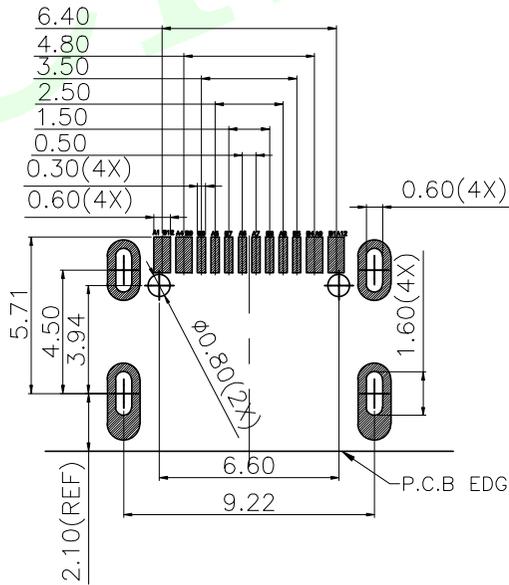
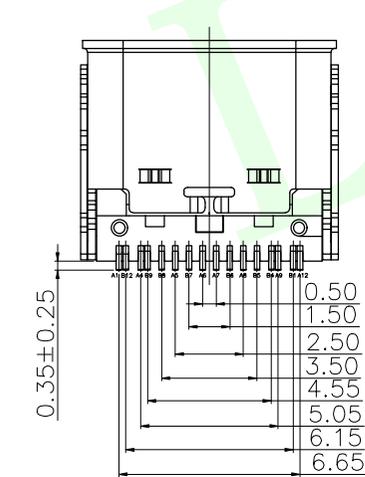
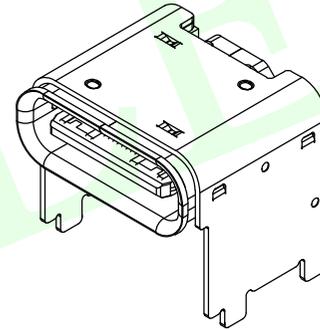
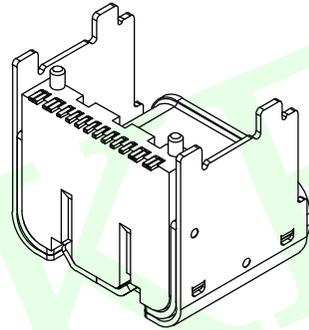
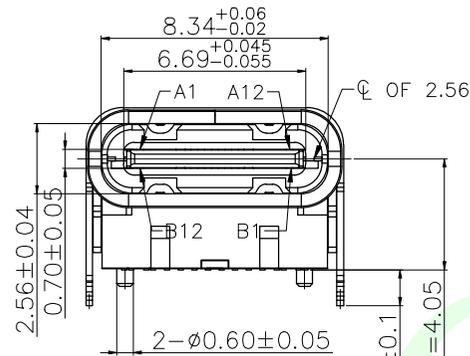
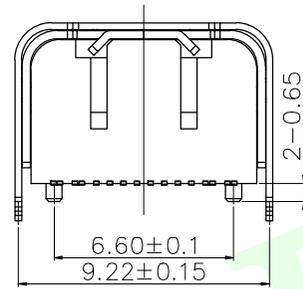
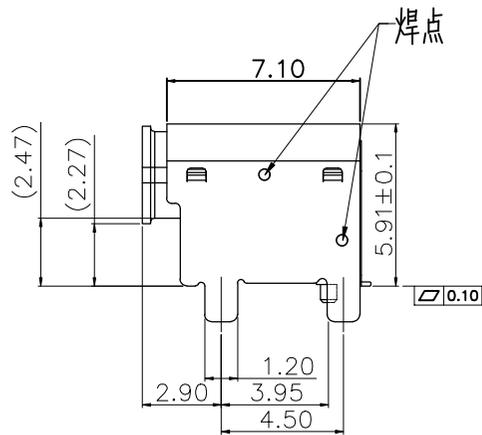
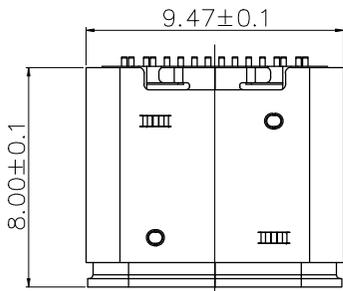
5	OUTER SHELL	SUS304 T=0.25MM	NI 40u"MIN	1PCS
4	INNER SHELL	SUS304 T=0.30MM	NI 40u"MIN	1PCS
3	SHIELDING PLATE	SUS301 T=0.15MM	N/A	1PCS
2	CONTACT	C7025 T=0.15MM	Mating area 1u"Au Solder Tails: G/F Underplate: 50u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

MEASURE POINT:  
 QUADRANT POINT (QP)  
 TANGENCY POINT (TP)  
 INTERSECTION POINT (IP)  
 UNLESS OTHERWISE SPECIFIED, TOLERANCE:  
 X. ±0.30  
 X.x ±0.15  
 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: TYPE C 16PIN 垫高1.9, CH=3.5  
 CHECKED: DATE: TYPE C 16PIN 垫高1.9, CH=3.5  
 APPROVED: DATE: TYPE C 16PIN 垫高1.9, CH=3.5  
 PART NO: LCK-TCF806B-DG19YL-G1 REV: 04 SCALE: 1:1 UNIT: mm  
 DRAWING NO: SIZE: A4 SHEET: 1/1

RoHS Compliant



一. 原材料:

1. 塑胶:UL 94V-0型LCP黑色
2. 端子:0.15厚铜合金 C7025
3. 外壳:不锈钢 304
4. 卡勾:不锈钢 301

二. 电镀:

1. 端子:半金镍1u"
2. 外壳:镀哑镍

三. 机械性能:

插入力:5~20N  
 拔出力:寿命测试前8~20N,  
 寿命测试后5~20N  
 耐插拔:500次/H, 10000 次  
 工作温度:0°C~+50°C  
 储存温度:-20°C~60°C

四. 电气性能:

额定电流: 5A  
 接触阻抗:寿命测试前40 m Max.  
 寿命测试后50 m Max  
 耐高压:100V AC 1分钟 Min.  
 无击穿, 无电弧  
 绝缘阻抗:100 M Min.

五. 环境性能:

环 保: 产品符合ROHS要求  
 盐雾测试: 温度35±2°C,  
 湿度: 95—98%;  
 PH值: 6.5—7.2,  
 镀金区48H, 镀镍区24H

4. 焊接工艺: 推荐使用回流焊,  
 本产品耐温260度, 8S

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

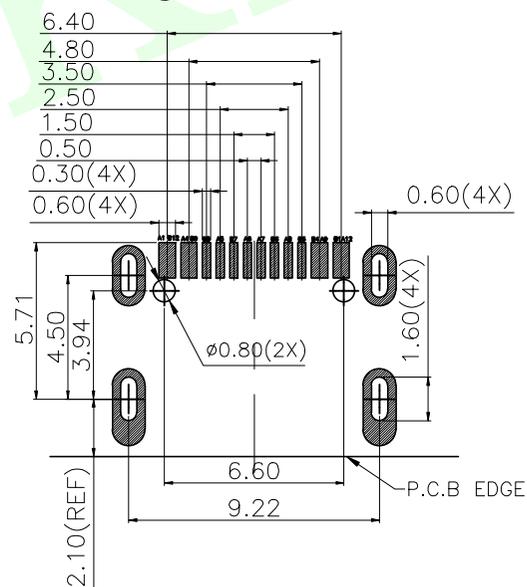
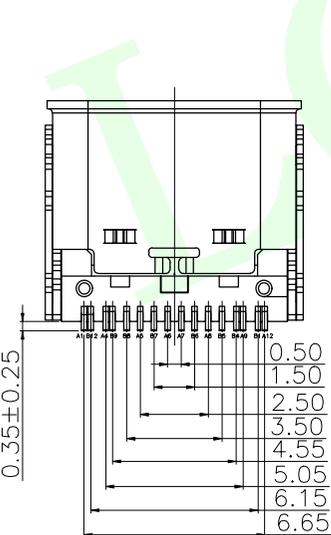
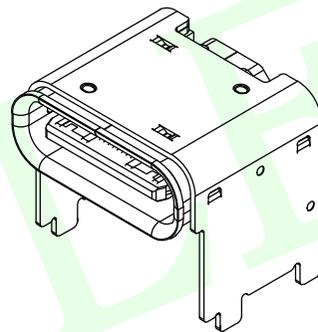
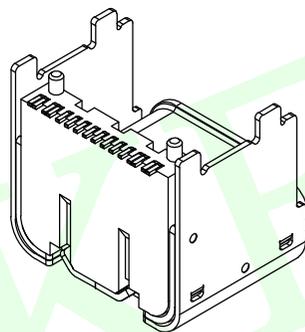
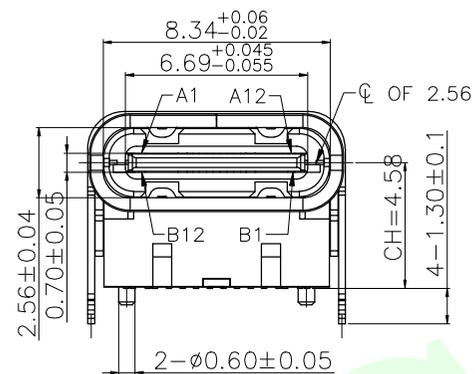
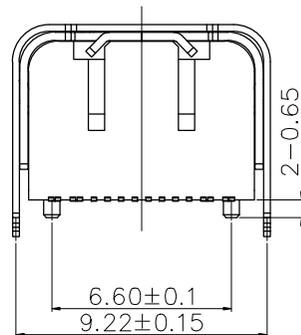
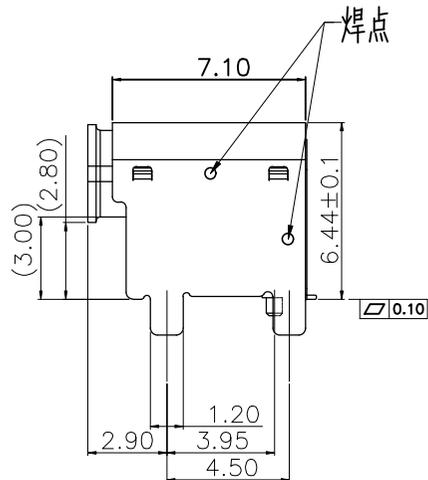
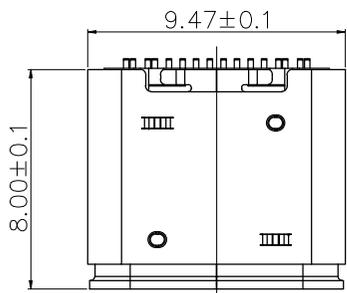
5	OUTER SHELL	SUS304 T=0.25MM	NI 40u"MIN	1PCS
4	INNER SHELL	SUS304 T=0.30MM	NI 40u"MIN	1PCS
3	SHIELDING PLATE	SUS301 T=0.15MM	N/A	1PCS
2	CONTACT	C7025 T=0.15MM	Mating area 1u"Au Solder Tails: G/F Underplate: 50u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

MEASURE POINT:   
 QUADRANT POINT   
 TANGENCY POINT   
 INTERSECTION POINT

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 2.5, CH=4.05		
X. ±0.30	CHECKED		DATE					
X.x ±0.15	APPROVED		DATE					
X.xx ±0.10	PART NO:	LCK-TCF806B-DG25YL-G1	REV:	04	SCALE:	1:1	UNIT:	mm
ANGULAR ±3°	DRAWING NO:		SIZE:	A4	SHEET:	1/1		

RoHS Compliant



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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

一. 原材料:

1. 塑胶:UL 94V-0型LCP黑色
2. 端子:0.15厚铜合金 C7025
3. 外壳:不锈钢 304
4. 卡勾:不锈钢 301

二. 电镀:

1. 端子:半金镍1u"
2. 外壳:镀哑镍

三. 机械性能:

插入力:5~20N  
 拔出力:寿命测试前8~20N,  
 寿命测试后5~20N  
 耐插拔:500次/H, 10000 次  
 工作温度:0°C~+50°C  
 储存温度:-20°C~60°C

四. 电气性能:

额定电流: 5A  
 接触阻抗:寿命测试前40 m Max.  
 寿命测试后50 m Max  
 耐高压:100V AC 1分钟 Min.  
 无击穿, 无电弧  
 绝缘阻抗:100 M Min.

五. 环境性能:

环 保: 产品符合ROHS要求  
 盐雾测试: 温度35±2°C,  
 湿度: 95—98%;  
 PH值: 6.5—7.2,  
 镀金区48H, 镀镍区24H

4. 焊接工艺: 推荐使用回流焊,  
 本产品耐温260度, 8S

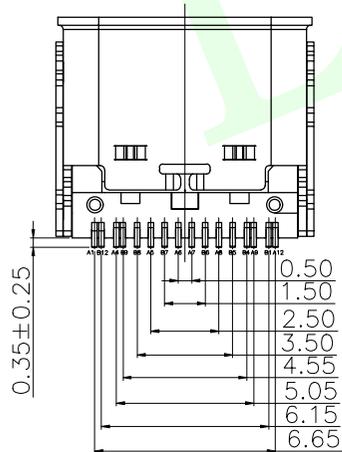
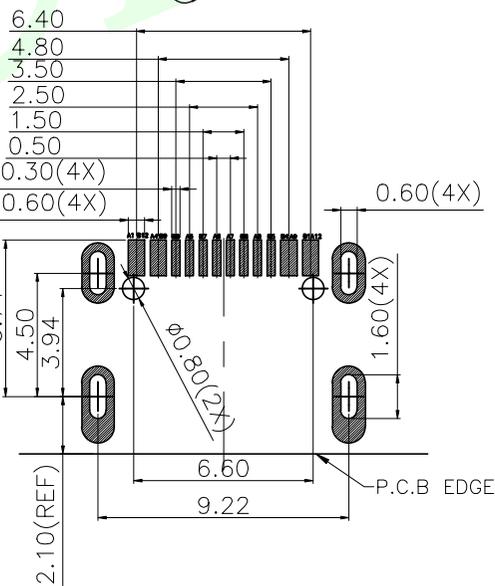
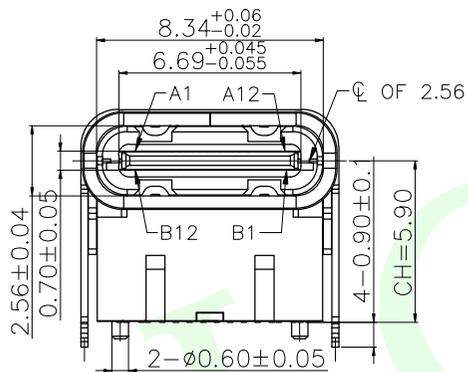
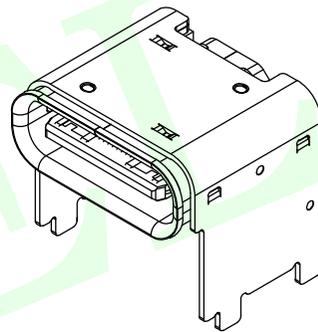
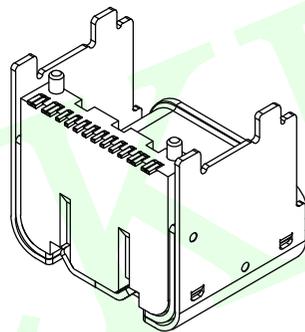
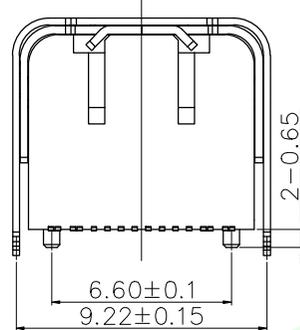
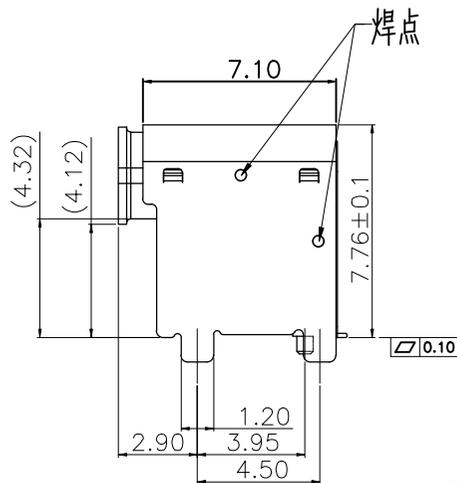
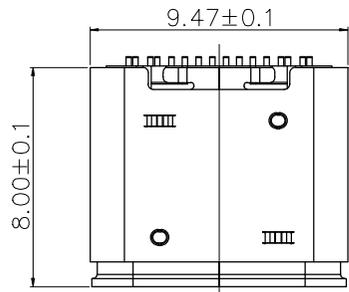
5	OUTER SHELL	SUS304 T=0.25MM	NI 40u"MIN	1PCS
4	INNER SHELL	SUS304 T=0.30MM	NI 40u"MIN	1PCS
3	SHIELDING PLATE	SUS301 T=0.15MM	N/A	1PCS
2	CONTACT	C7025 T=0.15MM	Mating area 1u"Au Solder Tails: G/F Underplate: 50u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

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

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 垫高3.0, CH=4.58		
X. ±0.25	CHECKED		DATE					
X.x ±0.20	APPROVED		DATE					
X.xx ±0.15	PART NO:	LCK-TCF806B-DG30YL-G1	REV:	04	SCALE:	1:1	UNIT:	mm
ANGULAR ±3°	DRAWING NO:		SIZE:	A4	SHEET:	1/1		

RoHS Compliant



一. 原材料:

1. 塑胶:UL 94V-0型LCP黑色
2. 端子:0.15厚铜合金 C7025
3. 外壳:不锈钢 304
4. 卡勾:不锈钢 301

二. 电镀:

1. 端子:半金镍1u"
2. 外壳:镀哑镍

三. 机械性能:

插入力:5~20N  
 拔出力:寿命测试前8~20N,  
 寿命测试后5~20N  
 耐插拔:500次/H, 10000 次  
 工作温度:0°C~+50°C  
 储存温度:-20°C~60°C

四. 电气性能:

额定电流: 5A  
 接触阻抗:寿命测试前40 m Max.  
 寿命测试后50 m Max  
 耐高压:100V AC 1分钟 Min.  
 无击穿, 无电弧  
 绝缘阻抗:100 M Min.

五. 环境性能:

环 保: 产品符合ROHS要求  
 盐雾测试: 温度35±2°C,  
 湿度: 95—98%;  
 PH值: 6.5—7.2,  
 镀金区48H, 镀镍区24H

4. 焊接工艺: 推荐使用回流焊,  
 本产品耐温260度, 8S

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

5	OUTER SHELL	SUS304 T=0.25MM	NI 40u"MIN	1PCS
4	INNER SHELL	SUS304 T=0.30MM	NI 40u"MIN	1PCS
3	SHIELDING PLATE	SUS301 T=0.15MM	N/A	1PCS
2	CONTACT	C7025 T=0.15MM	Mating area 1u"Au Solder Tails: G/F Underplate:50u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

MEASURE POINT:   
 QUADRANT POINT   
 TANGENCY POINT   
 INTERSECTION POINT

UNLESS OTHERWISE SPECIFIED, TOLERANCE:

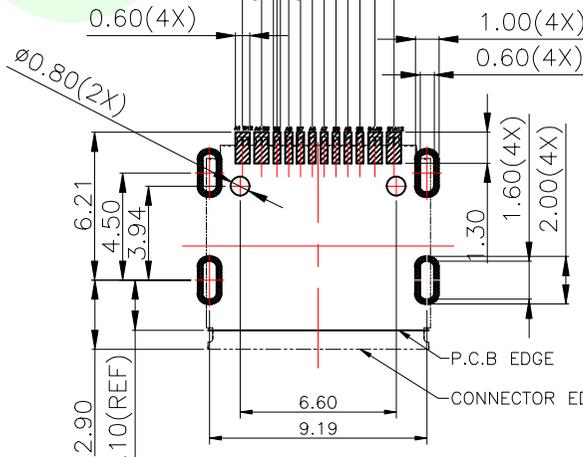
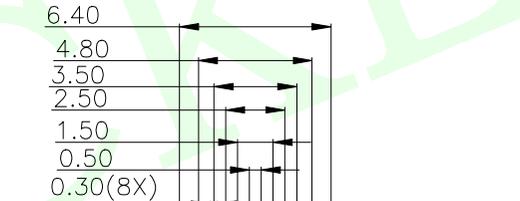
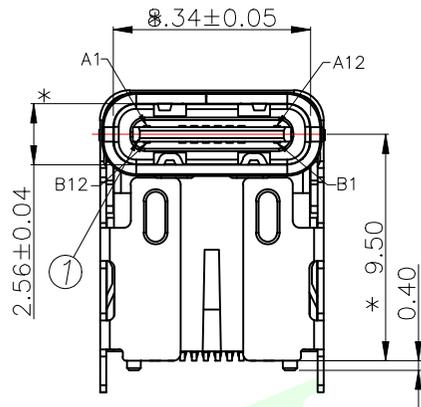
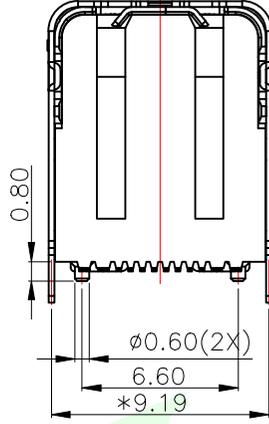
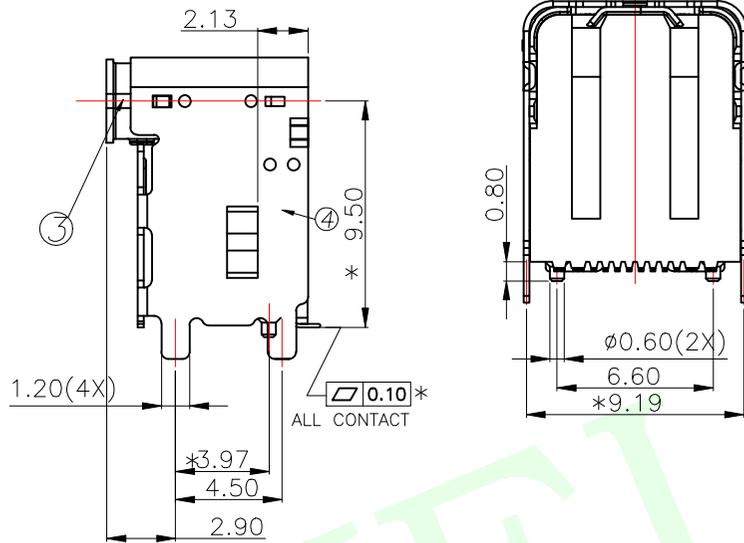
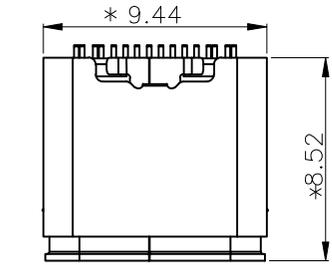
X.	±0.25
X.x	±0.20
X.xx	±0.15
ANGULAR	±3°

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

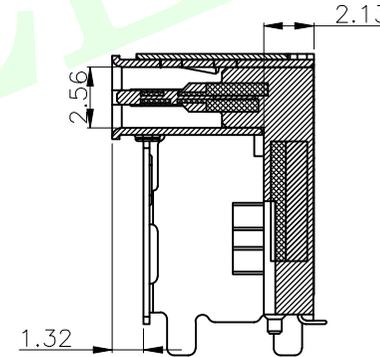
DESIGN	Andy	DATE	2014.12.24	TITLE:	TYPE C 16PIN 垫高4.3, CH=5.90	
CHECKED		DATE				
APPROVED		DATE				
PART NO:	LCK-TCF806B-DG30YL-G1	REV:	04	SCALE:	1:1	UNIT: mm
DRAWING NO:		SIZE:	A4	SHEET:	1/1	

RoHS Compliant

- NOTES:
- MECHANICAL:
    - MATING FORCE: 5~20N
    - UNMATING FORCE: 8~20N
    - DURABILITY: 10000 CYCLES MIN
  - ELECTRICAL:
    - CURRENT: 5.0A MAX
    - VOLTAGE: 20V MAX
    - WITHSTANDING VOLTAGE: 100V AC
    - CONTACT RESISTANCE: 40 m Ω MAX INITIAL  
50 m Ω MAX AFTER 10000 CYCLES
  - ENVIRONMENTAL
    - OPERATING TEMPERATURE RANGE -30°C ~ +80°C



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



Line connection diagram	
Connector PIN	Welding
PIN A4 A9 B4 B9	Vbus
PIN A1 A12 B1 B12	GND
PIN A5	CC
PIN A6	D+
PIN A7	D-
PIN A8	
PIN B5	
PIN B6	
PIN B7	
PIN B8	

USB TYPE-C PIN ASSIGNMENTS

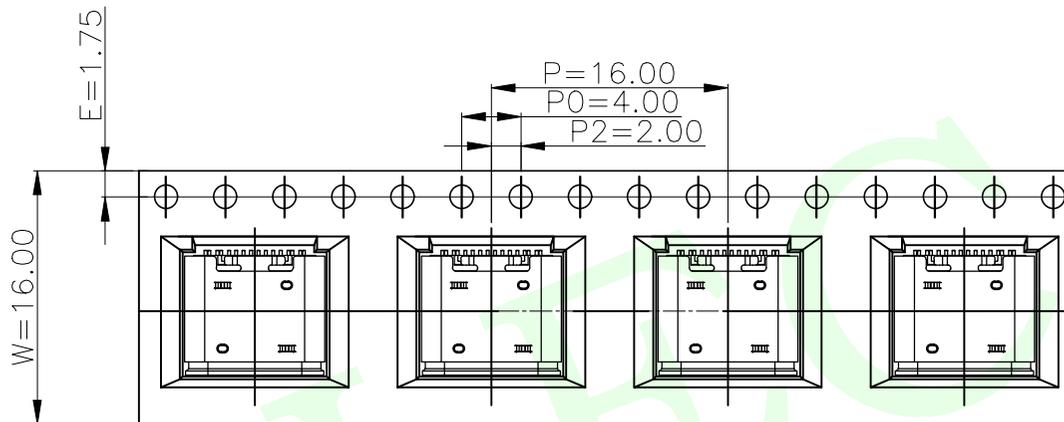
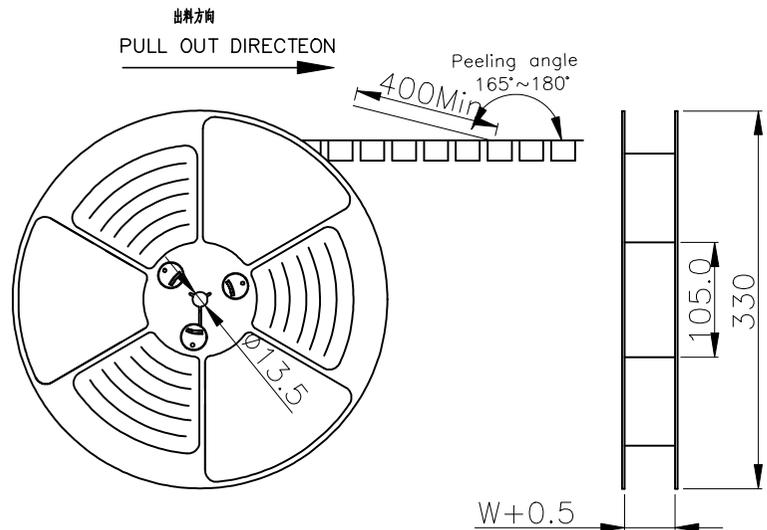
PIN NUMBER	A1	A4	A5	A6	A7	A8	A9	A12
SIGNAL NAME	GND	Vbus	CC1	D+	D-	SBU1	Vbus	GND
PIN NUMBER	B12	B9	B8	B7	B6	B5	B4	B1
SIGNAL NAME	GND	Vbus	SBU2	D-	D+	CC2	Vbus	GND

MEASURE POINT: QP  
 QUADRANT POINT TP  
 TANGENCY POINT IP  
 INTERSECTION POINT

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

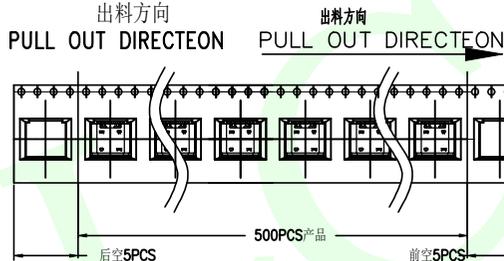
UNLESS OTHERWISE SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE:
X. ±0.25	CHECKED		DATE		TYPE C 16PIN加高型母座CH=9.50
X.x ±0.20	APPROVED		DATE		
X.xx ±0.15	PART NO:	LCK-TCF806B-DG95YL-G1	REV:	04	
ANGULAR ±3°	DRAWING NO:		SCALE:	1:1	UNIT: mm
			SIZE:	A4	SHEET: 1/1

RoHS Compliant



NOTES

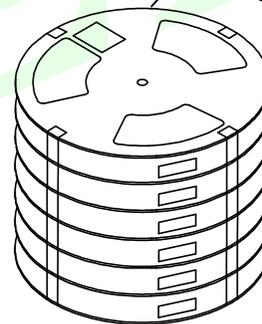
1. 帶子引導長度  
LEAD TAPE LENGTH  
出料方向



2. 上帶 剝離力為: 0.1~1.3N(10.2gf~130gf)  
PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N(10.2gf~130gf)  
出貨'運輸過程中一定注意:  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:  
卷帶在運輸過程中不能散開  
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

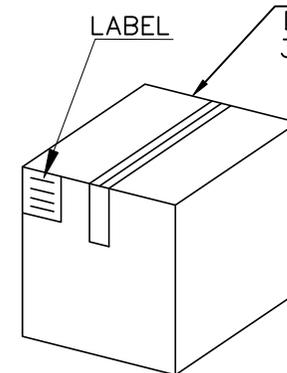
TAPE & REEL

1 REEL  
= 500 PCS



BOX

DIMENSIONS:  
34.0X34.0X23.0



1 CARTON  
= 10 REELS  
= 5000 PCS

包裝明細表 (The detail of the packing) Carton						
產品料號 (Product No.)	包裝容量 (Packing Capacity)			重量 Weight (Kg)		
	pcs/box	boxes/Carton	Pcs/Box	N. W. /Pcs	N. W. /Box	G. W. /Box
LCK-TCF806B-DGXXXYL-G1	500	10	5000	---	---	---

MEASURE POINT:  
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:	TYPE C 16PIN 墊高	
CHECKED		DATE				
APPROVED		DATE				
PART NO: LCK-TCF806B-DG30YL-G1				REV: 04	SCALE: 1:1	UNIT: mm
DRAWING NO:				SIZE: A4	SHEET: 1/1	