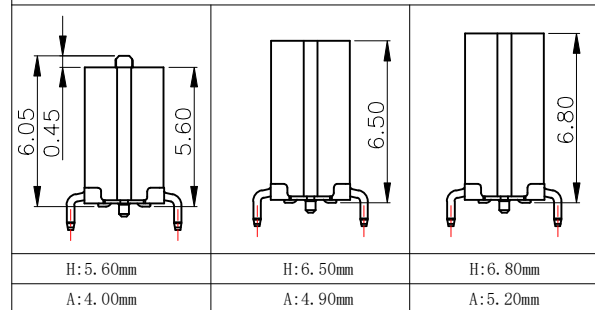
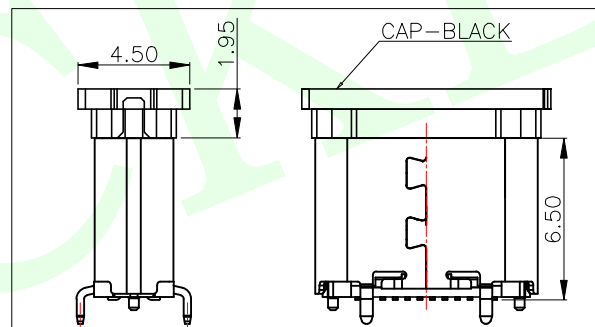
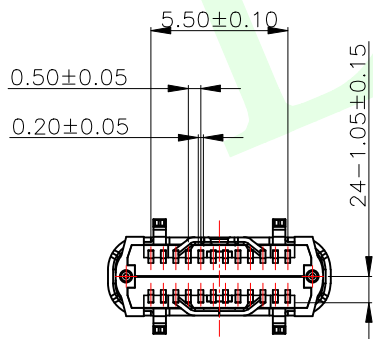
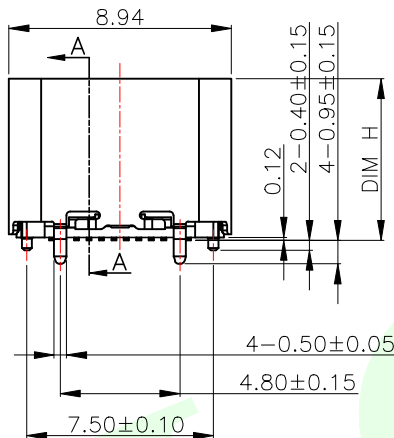
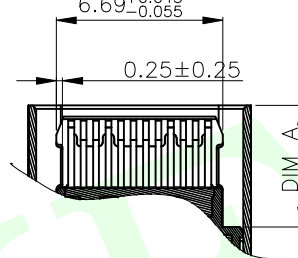
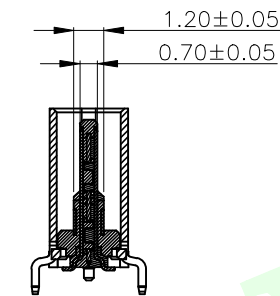
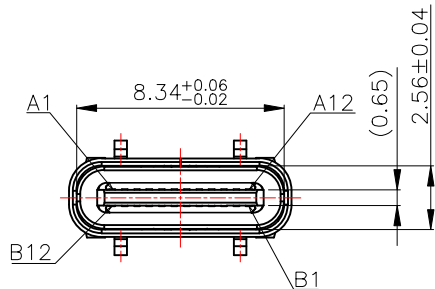
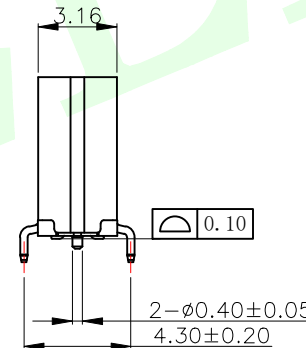


RoHS Compliant



SPECIFICATION:

- MATERIAL:
 - HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 COLOR:BLACK
 - CONTACTS:COPPER ALLOY T=0.12mm
 - SHELL:STAINLESS STEEL SUS304/SUS201-1/2H,SPCC,T=0.30
 - MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
 - EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm
- PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE MATING AREA OF CONTACT.
 - Au PLATED ON THE SOLDER AREA.
 - SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:CLEAR ONLY
 - EMI PLATE:CLEAR ONLY
- MECHANICAL:
 - MATING FORCE:0.5~2.0kgf;
 - UNMATING FORCE:0.8~2.0kgf.
 - DURABILITY:10000 CYCLES;
- ELECTRICAL:
 - CURRENT RATING:5A Max;
 - VOLTAGE RATING:20V Max;
 - DIELECTRIC WITHSTANDING VOLTAGE:100VAC;
 - CONTACT RESISTANCE:40m Ohms Max.;
 - INSULATION RESISTANCE:100M Ohms Min.;
- ENVIRONMENTAL:
 - OPERATING TEMPERATURE:-40°C~+85°C;
 - WETTING TEMPERATURE:265±5°C,5±0.5s
 - Salt Spray Test:48H Min SPCC:12H



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-TCF 811 - LXXX Y L- G1

壳长
L56: 5.6
L65: 6.5
L68: 6.8

有柱无柱 T:管装
Y: 有柱
W: 无柱

电镀规格
G1: 1U
G3: 3U
(以此类推)

包装方式
L: 圆盒
B: 吸塑盒

NO.	PART NAME	Q' TY	MATERIAL	FINISH
1	Shell	1	SUS304(SUS201)-1/2H, SPCC, T=0.30mm	50u"Ni Min.
2	TERMINAL	2	C7025/C2680, T=0.12mm, C5210-H	1u" Au G/F 50u"Ni Min
3	MID PLATE	1	SUS301-H, T=0.15mm	wash
4	GROUND PLATE	2	SUS301-H, T=0.10mm	wash
5	Housing	1	LCP or PA	UL 94 V-0

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

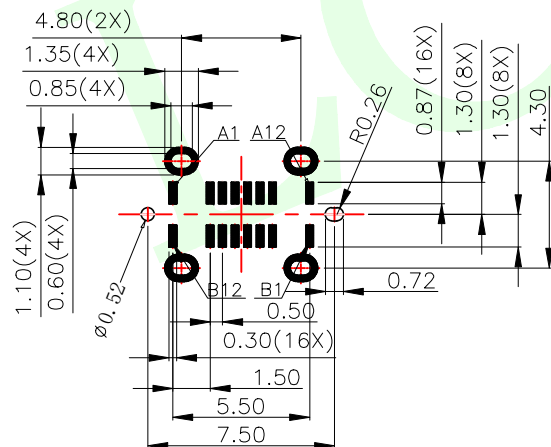
DESIGN	Andy	DATE	2014.12.24	TITLE:
CHECKED		DATE		TYPE C 16P 立贴 5.6&10.5
APPROVED		DATE		
PART NO:	LCK-TCF811-LXXXL-G1	REV:	04	SCALE: 1:1
DRAWING NO:	102022122	SIZE:	A4	SHEET: 1/1

RoHS Compliant

16Pin

NO.	Model Number	MATERIAL	镀金1u"	镀金3u"
1.	H5.60mm 16Pin	PA10T BLACK	LCK-TCF811A-L56YL-G1	LCK-TCF811A-L56YL-G1
2.		LCP BLACK	LCK-TCF811-L56YL-G1	LCK-TCF811-L56YL-G3
3.	H6.50mm 16Pin	PA10T BLACK	LCK-TCF811A-L65YL-G1	LCK-TCF811A-L65YL-G3
4.		LCP BLACK	LCK-TCF811-L65YL-G1	LCK-TCF811-L65YL-G3
5.	H6.80mm 16Pin	PA10T BLACK	LCK-TCF811A-L68YL-G1	LCK-TCF811A-L68YL-G3
6.		LCP BLACK	LCK-TCF811-L68YL-G1	LCK-TCF811-L68YL-G3

RECOMMENDED P.C.B. LAYOUT(16 Pin)



TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

USB TYPE-C 16PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	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

SPECIFICATION:

1. MATERIAL:

1-1.HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 COLOR:BLACK

1-2.CONTACTS:COPPER ALLOY T=0.12mm

1-3.SHELL:STAINLESS STEEL

SUS304/SUS201-1/2H,SPCC,T=0.30

1-4.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm

1-5.EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE MATING AREA OF CONTACT.

Au PLATED ON THE SOLDER AREA.

2-2.SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:CLEAR ONLY

2-4.EMI PLATE:CLEAR ONLY

3. MECHANICAL:

3.1.MATING FORCE:0.5~2.0kgf;

3.2.UNMATING FORCE:0.8~2.0kgf.

0.6~2.0kgf AFTER DURABILITY TEST;

3.3.DURABILITY:10000 CYCLES;

4.ELECTRICAL:

4.1.CURRENT RATING:5A Max;

4.2.VOLTAGE RATING:20V Max;

4.3.DIELECTRIC WITHSTANDING VOLTAGE:100Vac;

4.4.CONTACT RESISTANCE:40m Ohms Max.;

4.5.INSULATION RESISTANCE:100M Ohms Min.;

5.ENVIRONMENTAL:

5.1.OPERATING TEMPERATURE: -40°C~+85°C;

5.2.WETTING TEMPERATURE:265 $\pm$ 5°C,5 $\pm$ 0.5s

5.3.Salt Spray Test:48H Min SPCC:12H

MEASURE POINT:

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
 $\pm 3^\circ$



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 16P立贴5.6&10.5
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF811-LXXXYL-G1				REV: 04	SCALE: 1:1
DRAWING NO: 102022122				UNIT: mm	
				SHEET: 1/1	

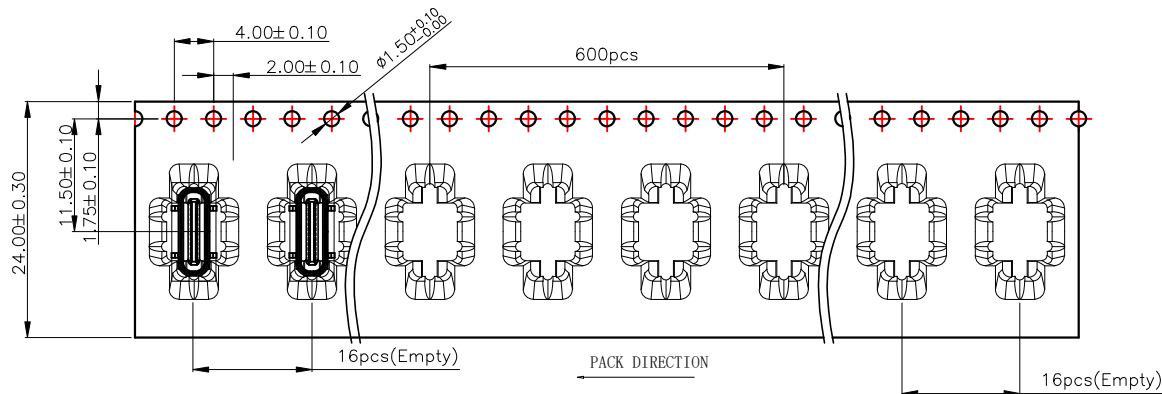


PIN	NUMBER	SIGNAL NAME	PIN	NUMBER	SIGNAL NAME
A1		GND	B12		GND
A2		SSTXp1	B11		SSRXp1
A3		SSTXn1	B10		SSRXn1
A4		VBUS	B9		VBUS
A5		CC1	B8		SBUS2
A6		Dp1	B7		Dn2
A7		Dn1	B6		Dp2
A8		SBU1	B5		CC2
A9		VBUS	B4		VBUS
A10		SSRXn2	B3		SSTXn2
A11		SSRXp2	B2		SSTXp2
A12		GND	B1		GND

NO.	Model Number	MATERIAL	鍍金1u"	鍍金3u"
1.	H5. 60mm 24Pin	PA10T BLACK	LCK-TCF812A-L56YL-G1	LCK-TCF812A-L56YL-G1
2.		LCP BLACK	LCK-TCF812-L56YL-G1	LCK-TCF812-L56YL-G1
3.	H6. 50mm 24Pin	PA10T BLACK	LCK-TCF812A-L65YL-G1	LCK-TCF812A-L65YL-G1
4.		LCP BLACK	LCK-TCF812-L65YL-G1	LCK-TCF812-L65YL-G1
5.	H6. 80mm 24Pin	PA10T BLACK	LCK-TCF812A-L68YL-G1	LCK-TCF812A-L68YL-G1
6.		LCP BLACK	LCK-TCF812-L68YL-G1	LCK-TCF812-L68YL-G1

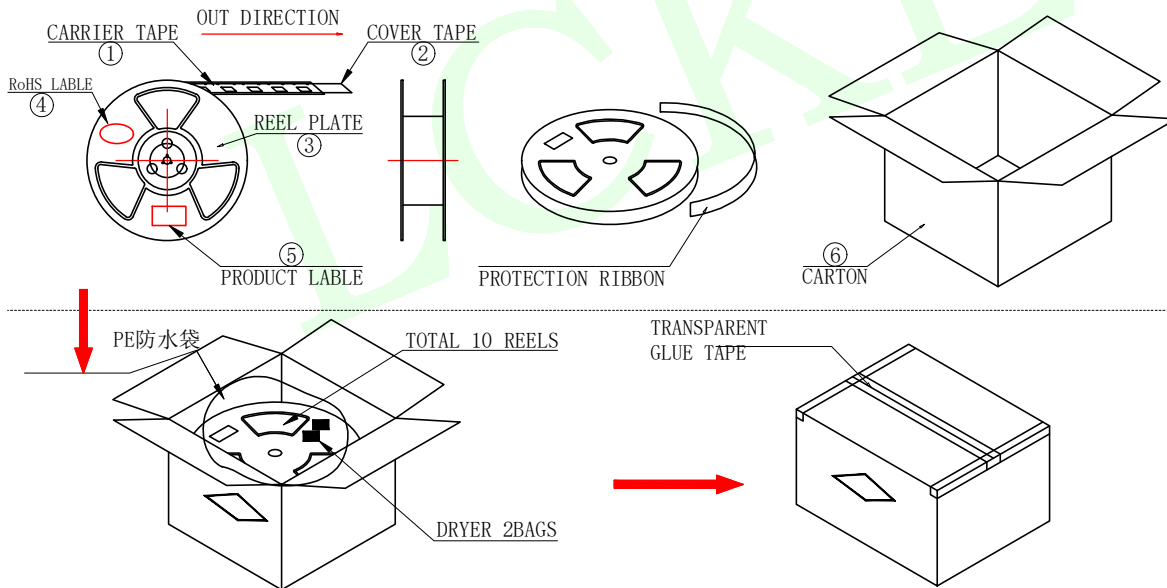
MEASURE POINT:		 联晟欣连接器（深圳）有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd
QUADRANT POINT	Ⓚ	
TANGENCY POINT	Ⓣ	
INTERSECTION POINT	Ⓜ	
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		
X.	±0.25	
X.x	±0.20	
X.xx	±0.15	
ANGULAR	±3°	

RoHS Compliant



说明:

1. 每卷前后各空16PCS, 尾部用美纹胶纸封住;
2. 将产品放满盘后, 再卷一圈保护带, 用美纹胶纸将其封住, 并贴上1Pcs物料标签;
3. 每10卷盘一叠共6000Pcs并装入1个外箱内;
4. 在搬运过程中要轻拿轻放;
5. 在运输中不可堆放过多(1.8M最高), 不可重压;
6. 跌落测试条件:
成品箱从1.2米高度自由落体(一角三棱六面):
 - a. 产品不可跑出下带凹槽;
 - b. 产品不可有摔伤, 变形;
 - c. 内包装材料不可严重破损.



NO.	NAME	SPEC	Q' TY
①	TYPE C RECEPTACLE		6000PCS/CARTON
②	CARRIER TAPE	W=24mm, T=0.50mm	600PCS/PLATE
③	COVER TAPE	W=21.5mm	10PLATES/CARTON
④	REEL PLATE	330*100*24.4mm	10PCS/CARTON
⑤	RoHS LABEL		10PCS/CARTON
⑥	PRODUCT LABER		10PCS/CARTON
⑦	CARTON	350*340*310mm	1PCS/PACKAGE

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 16P立贴5.6&10.5
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF811-LXXXYL-G1				REV: 04	SCALE: 1:1
DRAWING NO: 102022122				UNIT: mm	
				SIZE: A4	SHEET: 1/1