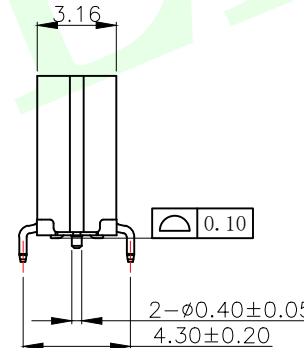
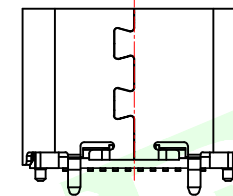
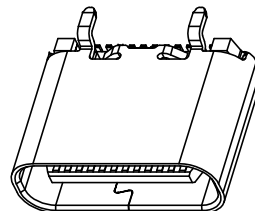
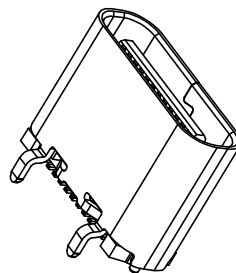
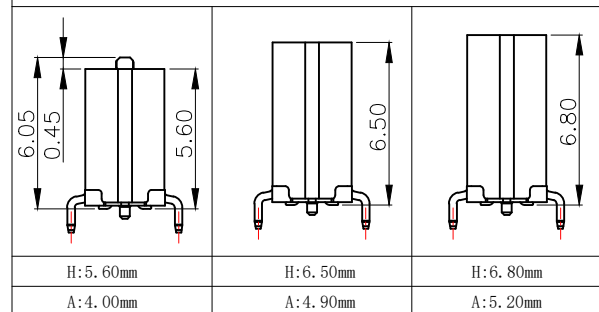
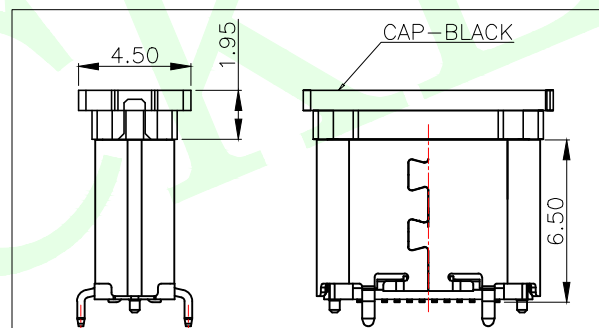
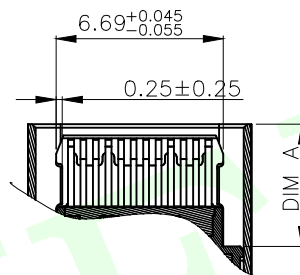
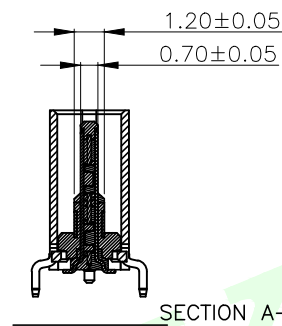
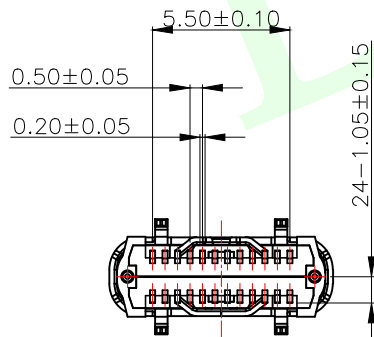
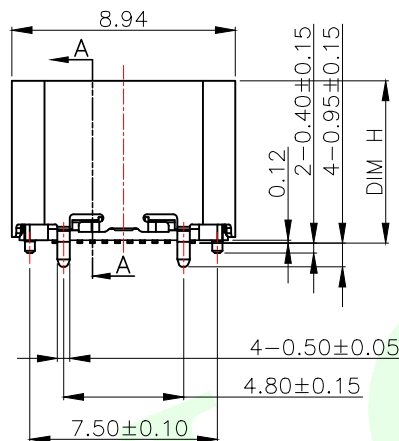
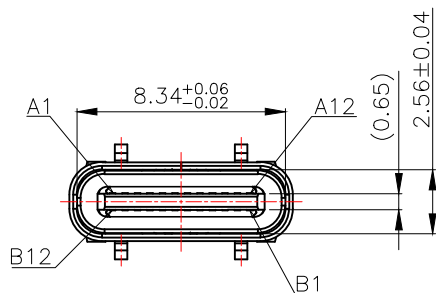


RoHS Compliant



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.;

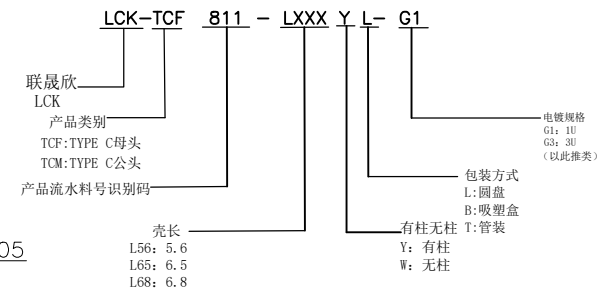
4.5.INSULATION RESISTANCE:100M Ohms Min.;

5.ENVIRONMENTAL:

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

5.2.WETTING TEMPERATURE:265±5°C,5±0.5s

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



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'

QP

TP

IP

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

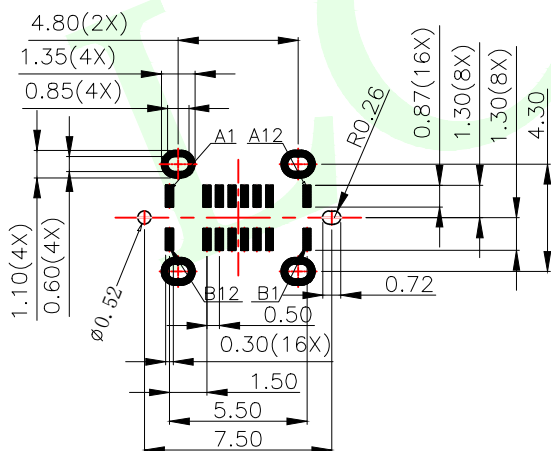
DESIGN	Andy	DATE	2014.12.24	TITLE:
CHECKED		DATE		TYPE C 16P立贴5.6&10.5
APPROVED		DATE		
PART NO:	LCK-TCF811-LXXXL-G1	REV:	04	SCALE: 1:1
DRAWING NO:	102022122	SIZE:	A4	SHEET: 1/1

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;

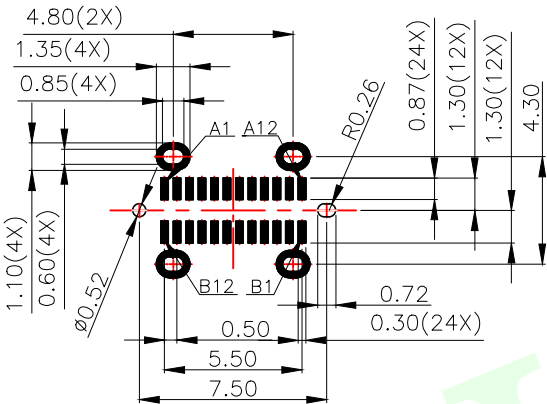
5.2.WETTING TEMPERATURE:265 $\pm$ 5°C,5 $\pm$ 0.5s

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

MEASURE POINT: QUADRANT POINT 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:	DESIGN	Andy	DATE	2014.12.24	TITLE:
X. ± 0.25	CHECKED		DATE		TYPE C 16P立贴5.6&10.5
X.x ± 0.20	APPROVED		DATE		
X.xx ± 0.15	PART NO:	LCK-TCF811-LXXXYL-G1	REV:	04	SCALE: 1:1
ANGULAR $\pm 3^\circ$	DRAWING NO:	102022122	SIZE:	A4	SHEET: 1/1
					UNIT: mm

RoHS Compliant

RECOMMENDED P.C.B. LAYOUT(24 Pin)



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

USB TYPE-C 24PIN ASSIGNMENTS

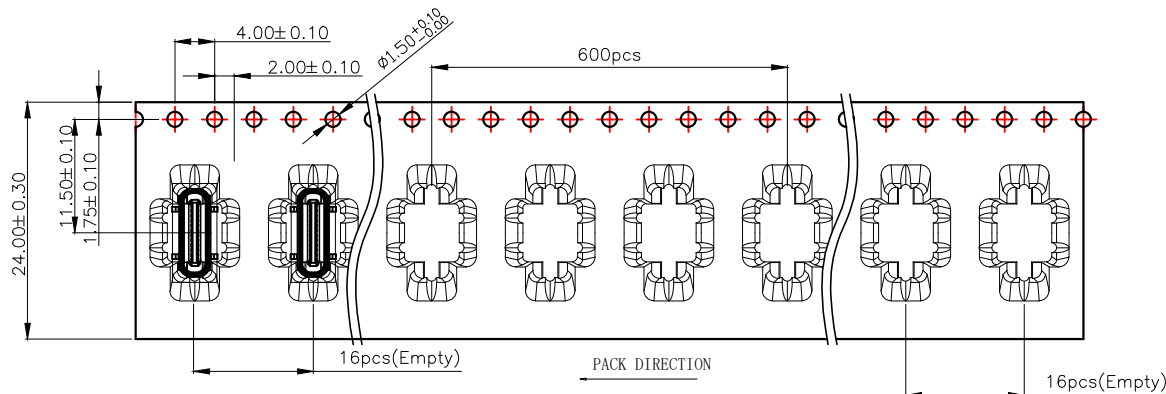
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

24Pin

NO.	Model Number	MATERIAL	镀金1u"	镀金3u"
1.	H5.60mm 24Pin	PA10T BLACK	LCK-TCF812A-L56YL-G1	LCK-TCF812A-L56YL-G3
2.		LCP BLACK	LCK-TCF812-L56YL-G1	LCK-TCF812-L56YL-G3
3.	H6.50mm 24Pin	PA10T BLACK	LCK-TCF812A-L65YL-G1	LCK-TCF812A-L65YL-G3
4.		LCP BLACK	LCK-TCF812-L65YL-G1	LCK-TCF812-L65YL-G3
5.	H6.80mm 24Pin	PA10T BLACK	LCK-TCF812A-L68YL-G1	LCK-TCF812A-L68YL-G3
6.		LCP BLACK	LCK-TCF812-L68YL-G1	LCK-TCF812-L68YL-G3

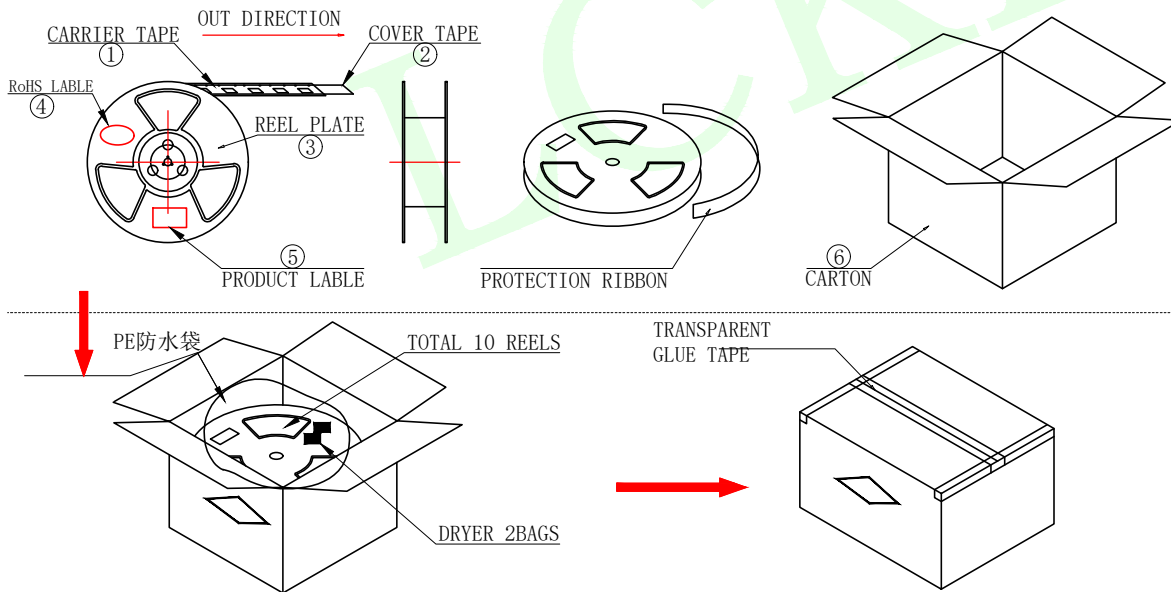
MEASURE POINT: QUADRANT POINT TANGENCY POINT INTERSECTION POINT	 联晟欣连接器（深圳）有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd	TITLE:			
		DESIGN	Andy	DATE	2014.12.24
		CHECKED		DATE	
UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ± 0.25 X.x ± 0.20 X.xx ± 0.15 ANGULAR $\pm 3^\circ$	APPROVED	PART NO: LCK-TCF811-LXXXYL-G1			
		DRAWING NO: 102022122			
		REV: 04	SCALE: 1:1	UNIT: mm	

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

UNLESS OTHERWISE
SPECIFIED, TOLERANCE:
X. ±0.25
X.X ±0.20
X.XX ±0.15
ANGULAR ±3°



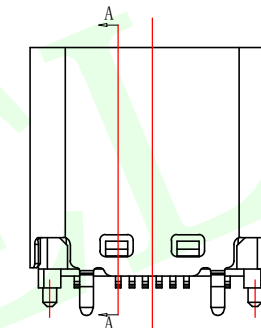
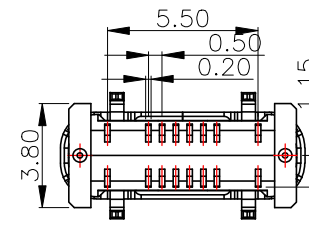
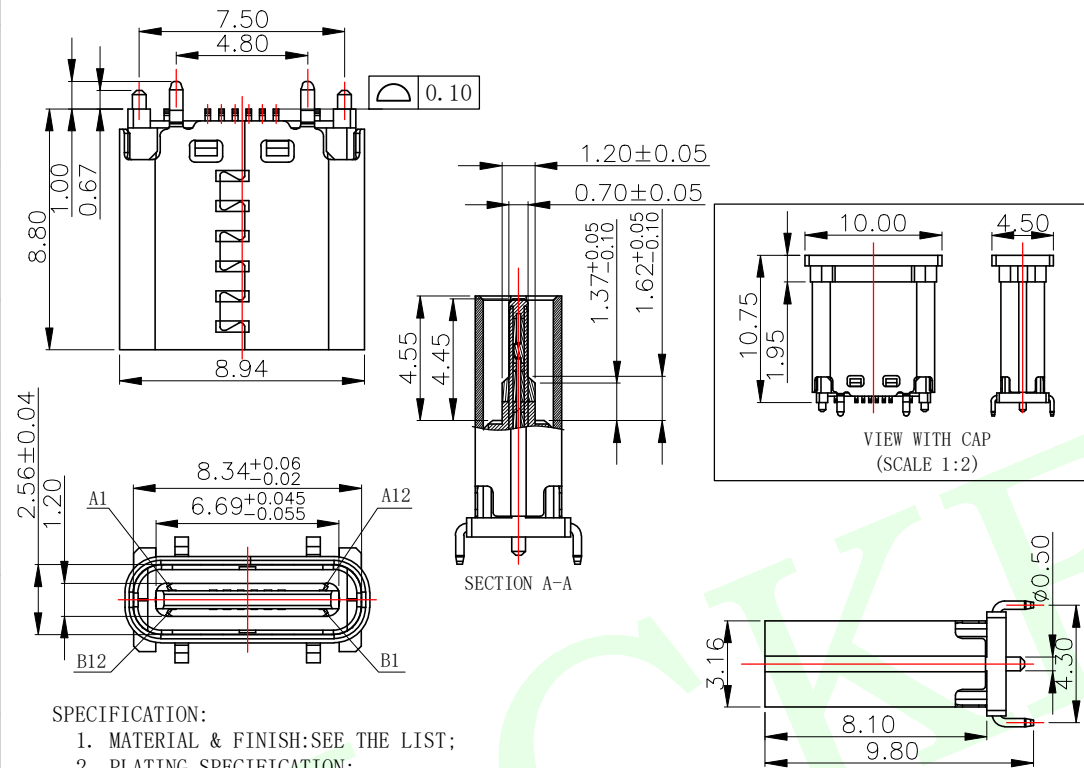
联晟欣连接器 (深圳) 有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

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

RoHS Compliant

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



LCK-TCF 811 - 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
L88: 8.8
L93: 9.3
L100: 10.0
L105: 10.5

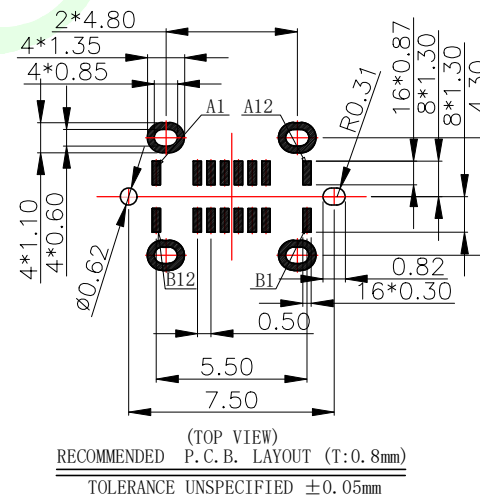
电镀规格
G1: 1U
G3: 3U
(以此类推)

包装方式
L: 圆盘
B: 吸塑盒

有柱无柱 T: 管装
Y: 有柱
W: 无柱

SPECIFICATION:

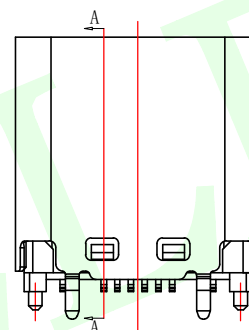
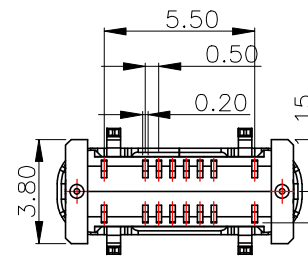
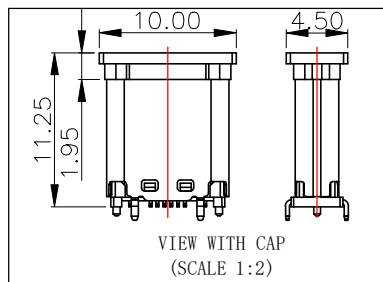
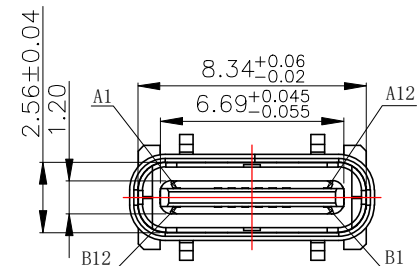
- MATERIAL & FINISH: SEE THE LIST;
- PLATING SPECIFICATION:
 - CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE MATING AREA OF CONTACT.
Au PLATED ON THE SOLDER AREA.
 - SHELL: Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE: CLEAR ONLY
- MECHANICAL:
 - MATING FORCE: 0.5~2.0kgf;
 - UNMATING FORCE: 0.8~2.0kgf.
0.6~2.0kgf AFTER DURABILITY TEST;
 - DURABILITY: 10000 CYCLES;
- ELECTRICAL:
 - CURRENT RATING: 5A Max;
 - VOLTAGE RATING: 20V Max;
 - DIELECTRIC WITHSTANDING VOLTAGE: 100Vac;
 - CONTACT RESISTANCE: 40mΩ Ohms Max.;
 - INSULATION RESISTANCE: 100M Ohms Min.;
- ENVIRONMENTAL:
 - OPERATING TEMPERATURE: -40° C~+85° C;
 - WETTING TEMPERATURE: 265 $\pm$ 5° C, 5 $\pm$ 0.5s
 - Salt Spray Test: 48H Min



NO.	PN.	DESCRIPTION						
1	LCK-TCF811-LXXXYL-G1	不锈钢外壳，黑色胶芯，C7025端子接触区镀金1u”，焊脚镀金1u”						
NO.	PART NAME	Q' TY	MATERIAL	FINISH				
5	CAP	1	High temperature plastic	UL94 V-0, Black				
4	Shell	1	Stainless Steel, T=0.30mm	30u”Ni Min.				
3	GroundBar	1	Stainless Steel, T=0.15mm	No Plating				
2	Contact	16	Copper Alloy, T=0.15mm	Au/Ni-Plated				
1	Housing	1	High temperature plastic	UL94 V-0, Black				
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 16P立贴8.8&10.5	
X. ±0.25		CHECKED		DATE				
X.x ±0.20		APPROVED		DATE				
X.xx ±0.15		PART NO: LCK-TCF811-LXXXYL-G1				REV: 04	SCALE: 1:1	UNIT: mm
ANGULAR ±3°		DRAWING NO: 102022122				SIZE: A4	SHEET: 1/1	



4.80



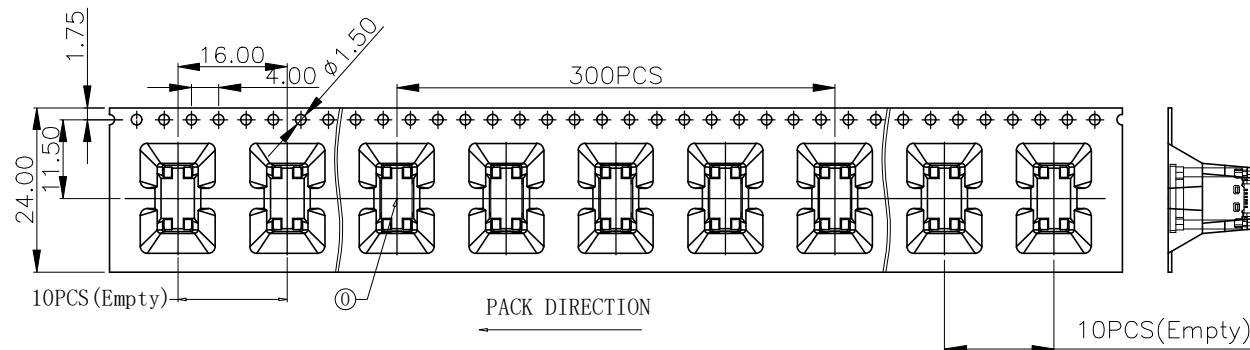
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	_____	B11	_____
A3	_____	B10	_____
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	_____	B3	_____
A11	_____	B2	_____
A12	GND	B1	GND

1. MATERIAL & FINISH:SEE THE LIST;
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
3. MECHANICAL:
 - 3.1. MATING FORCE: 0.5~2.0kgf;
 - 3.2. UNMATING FORCE: 0.8~2.0kgf.
 - 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: 40mΩ Ohms Max.;
 - 4.5. INSULATION RESISTANCE: 100M Ohms Min.;
5. ENVIRONMENTAL:
 - 5.1. OPERATING TEMPERATURE: -40° C~+85° C;
 - 5.2. WETTING TEMPERATURE: 265±5° C, 5±0.5s
 - 5.3. Salt Spray Test: 48H Min



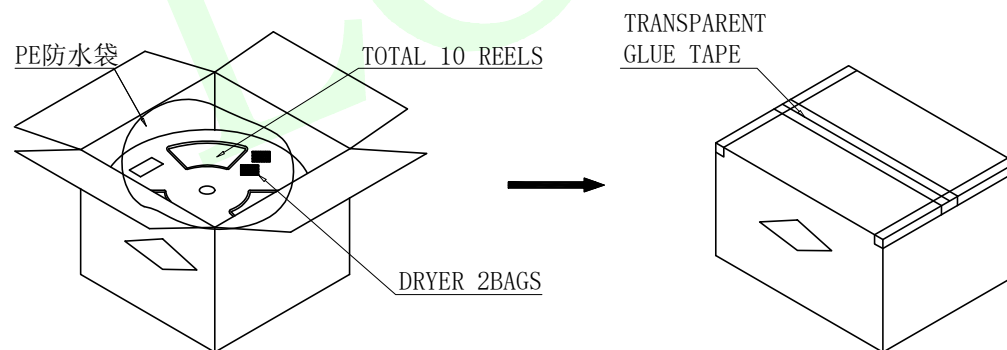
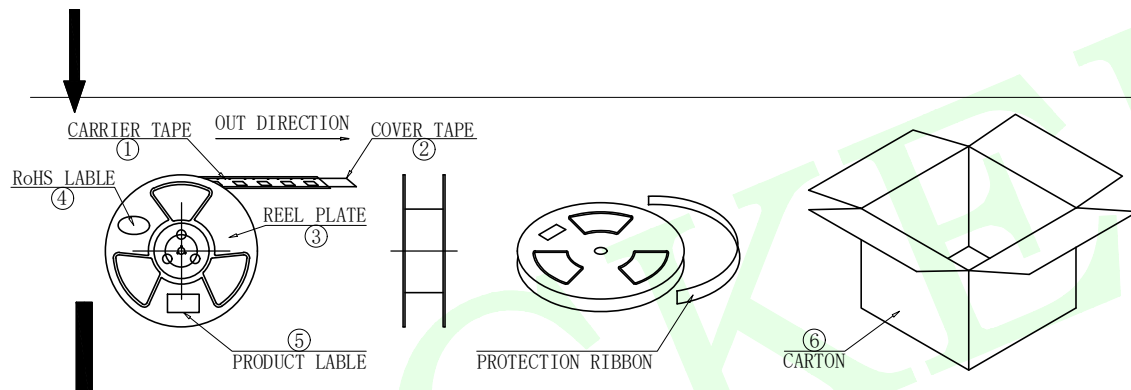
MEASURE POINT:		 联晟欣连接器（深圳）有限公司							
QUADRANT POINT	(QP)	Lianshengxin Connector (Shenzhen) Co., Ltd							
TANGENCY POINT	(TP)								
INTERSECTION POINT	(IP)								
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN		Andy	DATE	2014.12.24	TITLE:		
X.	±0.25	CHECKED			DATE		TYPE C 16P立贴8.8&10.5		
X.x	±0.20	APPROVED			DATE				
X.xx	±0.15	PART NO: LCK-TCF811-LXXXYL-G1					REV: 04	SCALE: 1:1	UNIT: mm
ANGULAR	±3°	DRAWING NO: 102022122					SIZE: A4	SHEET: 1/1	

RoHS Compliant



说明:

1. 每卷前后各空10PCS, 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3000Pcs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		3000PCS/CARTON
①	CARRIER TAPE	W=24mm, T=0.50mm	300PCS/PLATE
②	COVER TAPE	W=21.3mm	10PLATES/CARTON
③	REEL PLATE	330*100*24.4mm	10PCS/CARTON
④	RoHS LABEL		10PCS/CARTON
⑤	PRODUCT LABER		10PCS/CARTON
⑥	CARTON	350*340*310mm	1PCS/PACKAGE

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 ±3°

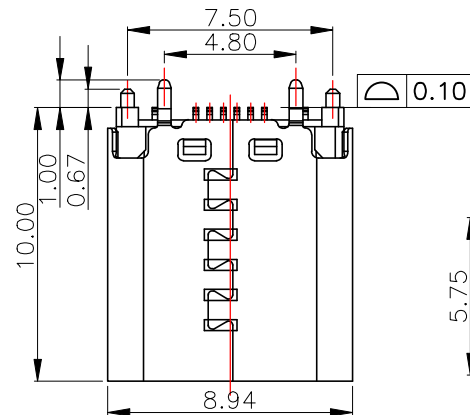


联晟欣连接器(深圳)有限公司

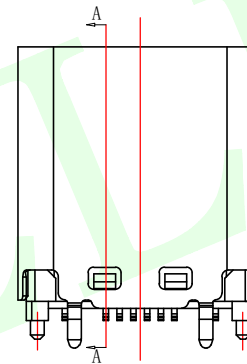
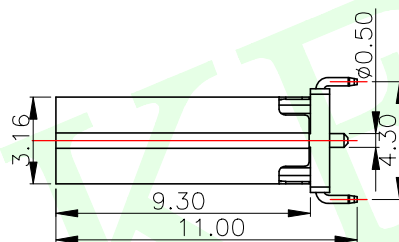
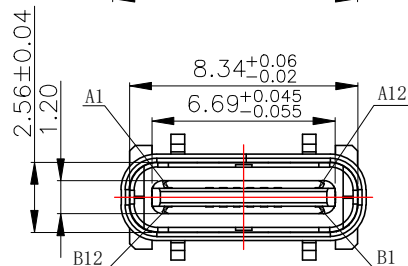
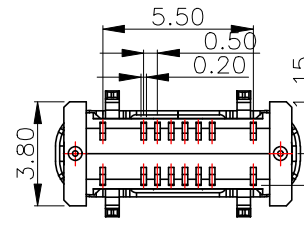
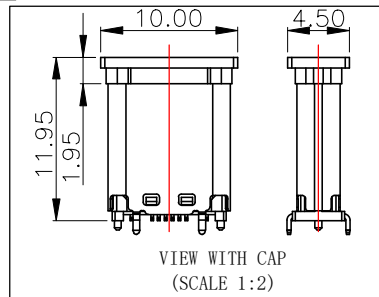
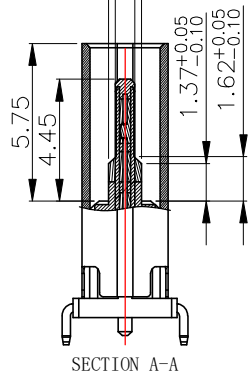
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:	TYPE C 16P立贴8.8&10.5
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF811-LXXXYL-G1	REV: 04	SCALE: 1:1	UNIT: mm		
DRAWING NO: 102022122	SIZE: A4	SHEET: 1/1			

RoHS Compliant



1.20±0.05
0.70±0.05



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 & FINISH:SEE THE LIST;
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

3. MECHANICAL:

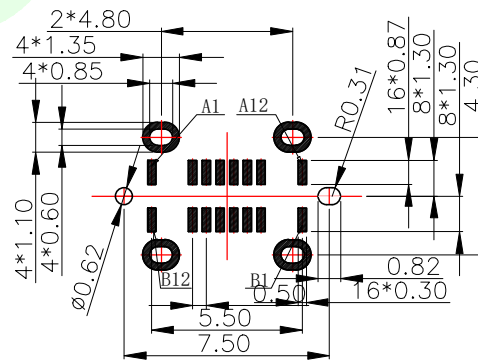
- 3.1.MATING FORCE:0.5~2.0kgf;
- 3.2.UNMATING FORCE:0.8~2.0kgf.
0.6~2.0kgf AFTER DURABILITY TEST;
- 3.3.DURABILITY:10000 CYCLES;

4. ELECTRICAL:

- 4.1.CURRENT RATING:5A Max;
- 4.2.VOLTAGE RATING:20V Max;
- 4.3.DIELECTRIC WITHSTANDING VOLTAGE:100VAc;
- 4.4.CONTACT RESISTANCE:40mΩ Ohms Max.;
- 4.5.INSULATION RESISTANCE:100M Ohms Min.;

5. ENVIRONMENTAL:

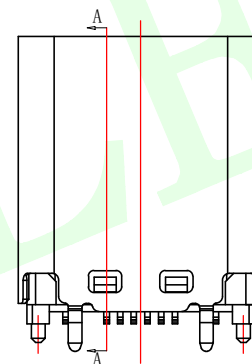
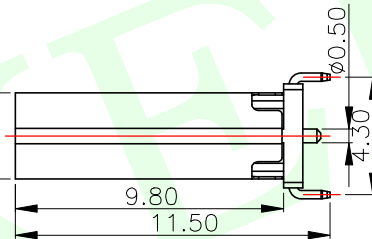
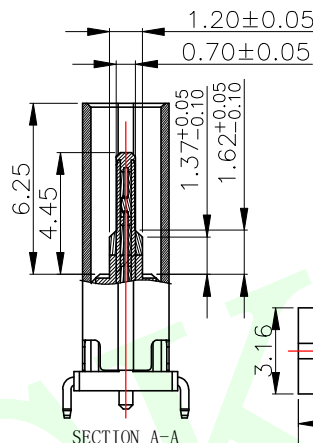
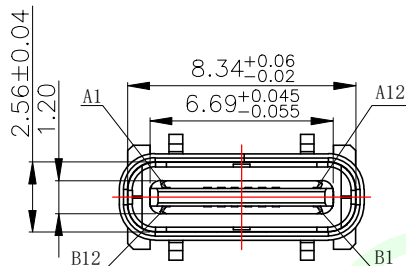
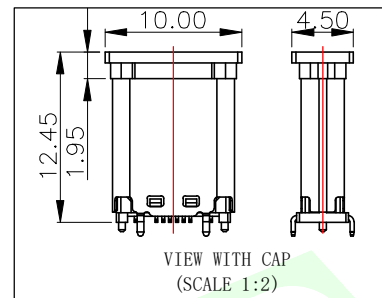
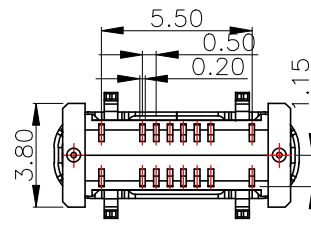
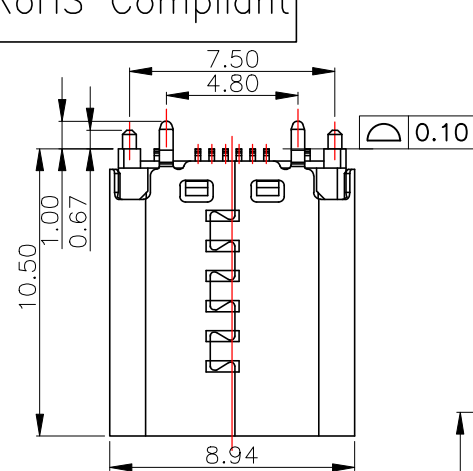
- 5.1.OPERATING TEMPERATURE:-40° C~+85° C;
- 5.2.WETTING TEMPERATURE:265±5° C, 5±0.5s
- 5.3.Salt Spray Test:48H Min



(TOP VIEW)
RECOMMENDED P.C.B. LAYOUT (T:0.8mm)
TOLERANCE UNSPECIFIED ±0.05mm

NO.	PN.	DESCRIPTION			
1	LCK-TCF811-LXXXYL-G1	不锈钢外壳，黑色胶芯，C7025端子接触区镀金1u”，焊脚镀金1u”			
NO.	PART NAME	Q' TY	MATERIAL	FINISH	
5	CAP	1	High temperature plastic	UL94 V-0, Black	
4	Shell	1	Stainless Steel, T=0.30mm	30u”Ni Min.	
3	GroundBar	1	Stainless Steel, T=0.15mm	No Plating	
2	Contact	16	Copper Alloy, T=0.15mm	Au/Ni-Plated	
1	Housing	1	High temperature plastic	UL94 V-0, Black	
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: X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°		DESIGN	Andy	DATE	2014.12.24
		CHECKED		DATE	
		APPROVED		DATE	
PART NO: LCK-TCF811-LXXXYL-G1			REV: 04	SCALE: 1:1	UNIT: mm
DRAWING NO: 102022122			SIZE: A4	SHEET: 1/1	

RoHS Compliant

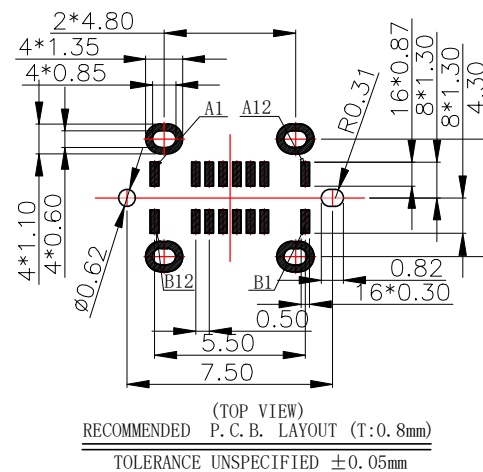


USB TYPE-C 16PIN ASSIGNMENTS

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

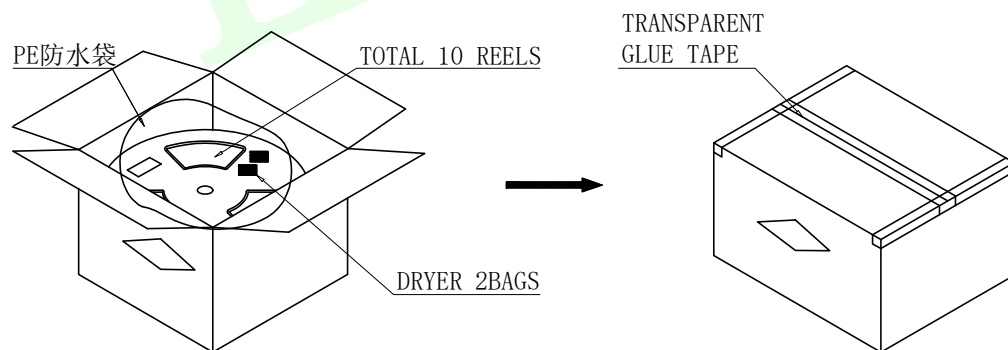
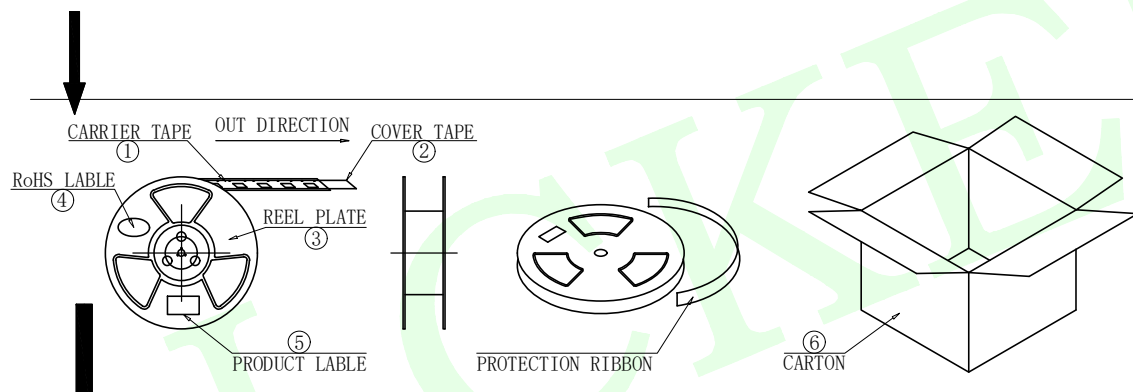
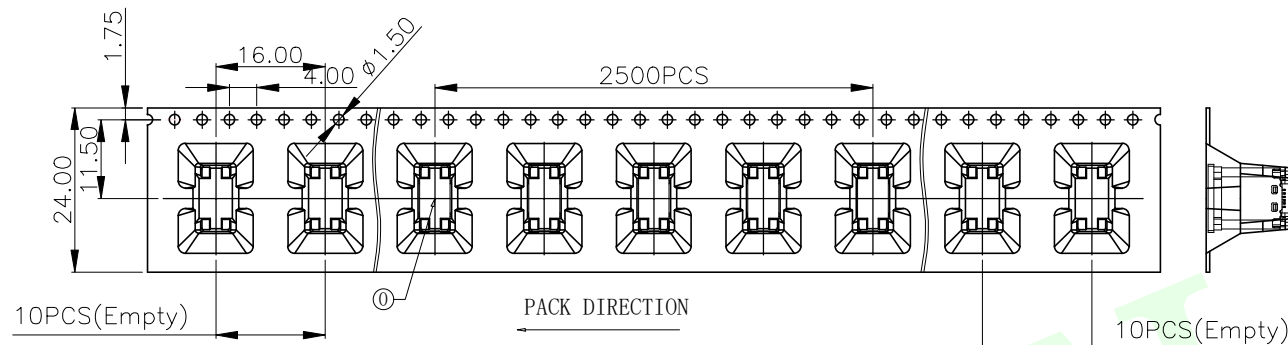
SPECIFICATION:

- MATERIAL & FINISH:SEE THE LIST;
- 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
- MECHANICAL:
 - MATING FORCE: 0.5~2.0kgf;
 - UNMATING FORCE: 0.8~2.0kgf.
0.6~2.0kgf AFTER DURABILITY TEST;
 - DURABILITY: 10000 CYCLES;
- ELECTRICAL:
 - CURRENT RATING: 5A Max;
 - VOLTAGE RATING: 20V Max;
 - DIELECTRIC WITHSTANDING VOLTAGE: 100VAc;
 - CONTACT RESISTANCE: 40mΩ 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



NO.	PN.	DESCRIPTION					
1	LCK-TCF811-LXXXYL-G1	不锈钢外壳，黑色胶芯，C7025端子接触区镀金1u”，焊脚镀金1u”					
NO.	PART NAME	Q' TY	MATERIAL	FINISH			
5	CAP	1	High temperature plastic	UL94 V-0, Black			
4	Shell	1	Stainless Steel, T=0.30mm	30u”Ni Min.			
3	GroundBar	1	Stainless Steel, T=0.15mm	No Plating			
2	Contact	16	Copper Alloy, T=0.15mm	Au/Ni-Plated			
1	Housing	1	High temperature plastic	UL94 V-0, Black			
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:	
X. ±0.25		CHECKED		DATE		TYPE C 16P立贴8.8&10.5	
X.x ±0.20		APPROVED		DATE			
X.xx ±0.15		PART NO: LCK-TCF811-LXXXYL-G1			REV: 04		
ANGULAR ±3°		DRAWING NO: 102022122			SIZE: A4	SCALE: 1:1	UNIT: mm
					SHEET: 1/1		

RoHS Compliant



说明:

1. 每卷前后各空10PCS, 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2500Pcs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		2500PCS/CARTON
②	CARRIER TAPE	W=24mm, T=0.50mm	250PCS/PLATE
③	COVER TAPE	W=21.3mm	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

QP

TANGENCY POINT

TP

INTERSECTION POINT

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 16P立贴8.8&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