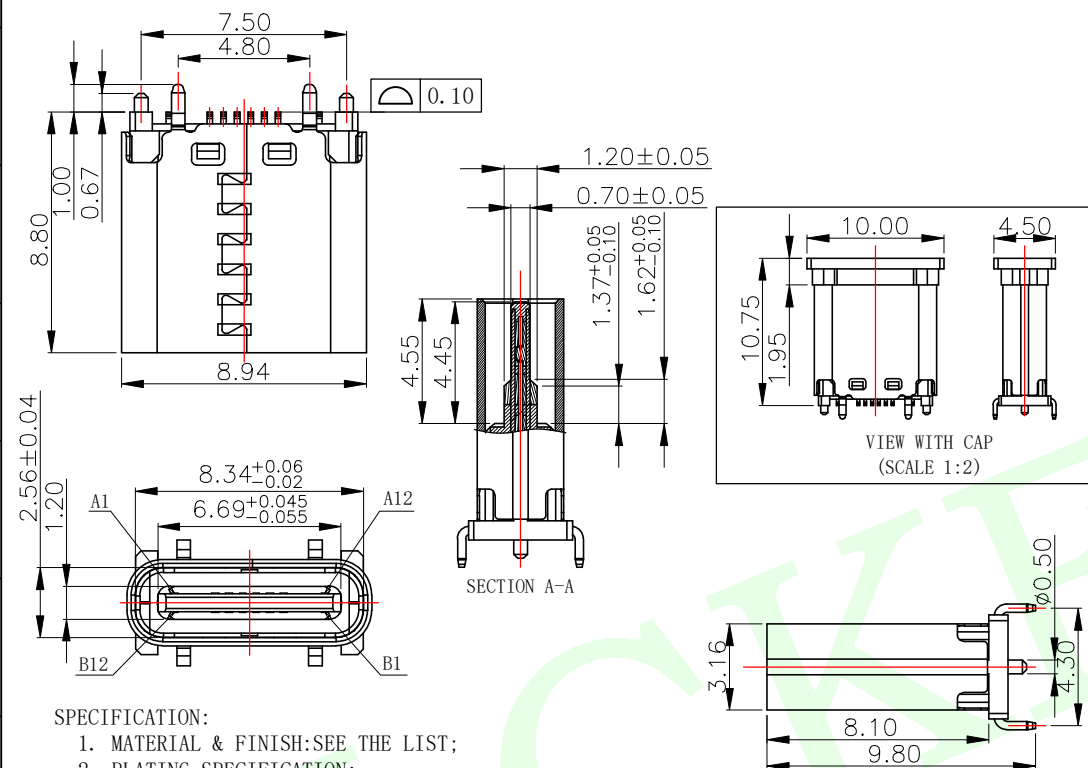
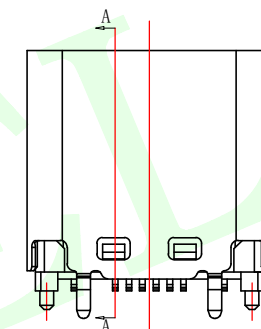
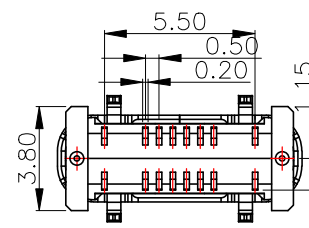
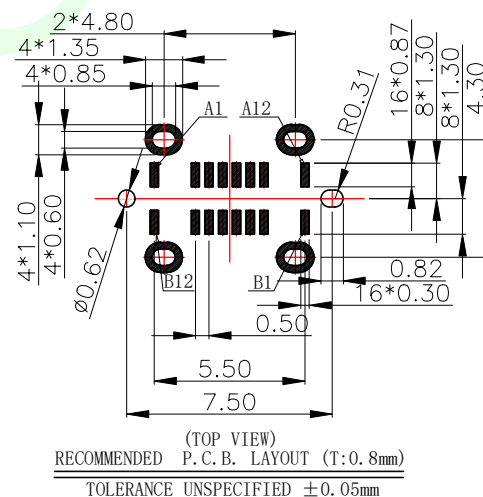


RoHS Compliant



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



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

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

811 -

LXXX

Y

L-

G1

电镀规格
G1: 1U
G3: 3U
(以此类推)

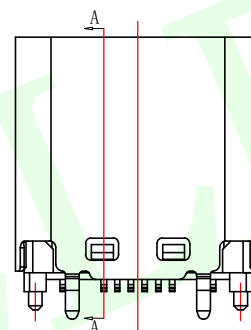
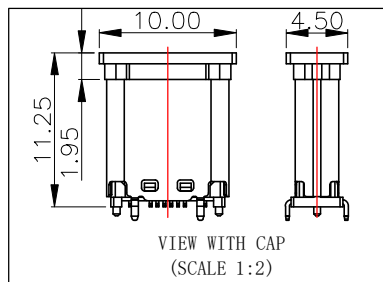
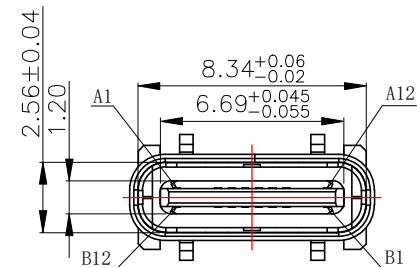
包装方式
L: 圆盘
B: 吸塑盒
T: 管装

有柱无柱
Y: 有柱
W: 无柱

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  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: X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°		DESIGN Andry	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	



4.80



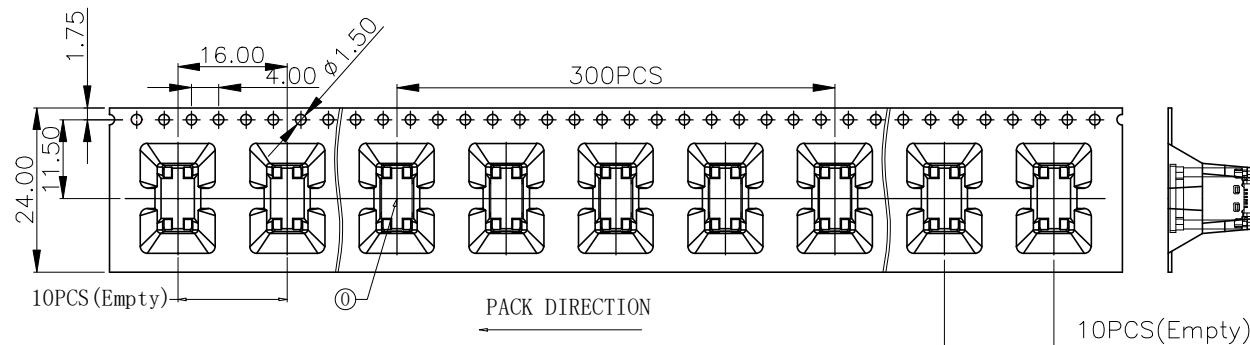
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	_____	B11	_____
A3	_____	B10	_____
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	_____	B3	_____
A11	_____	B2	_____
A12	GND	B1	GND

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.
 - 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



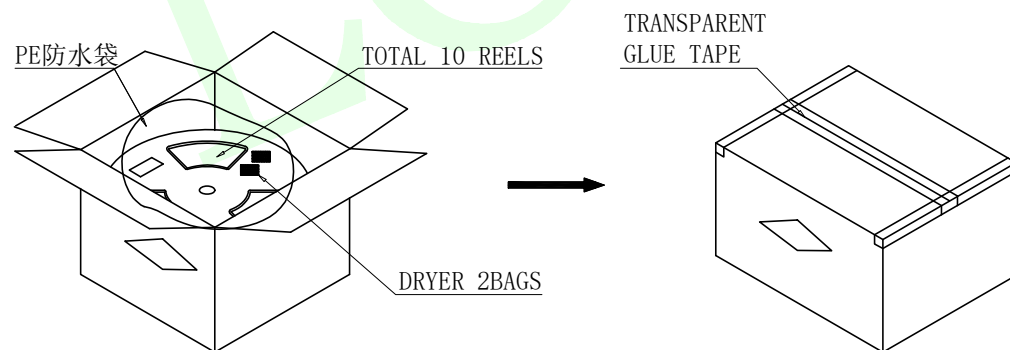
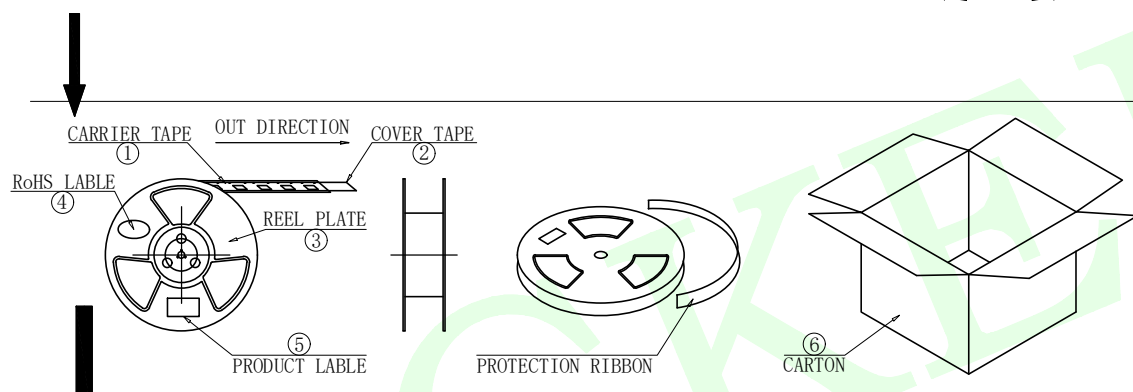
MEASURE POINT:		 联晟欣连接器（深圳）有限公司							
QUADRANT POINT	(QP)	Lianshengxin Connector (Shenzhen) Co., Ltd							
TANGENCY POINT	(TP)								
INTERSECTION POINT	(IP)								
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN		Andy	DATE	2014.12.24	TITLE:		
X.	±0.25	CHECKED			DATE		TYPE C 16P立贴8.8&10.5		
X.x	±0.20	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:

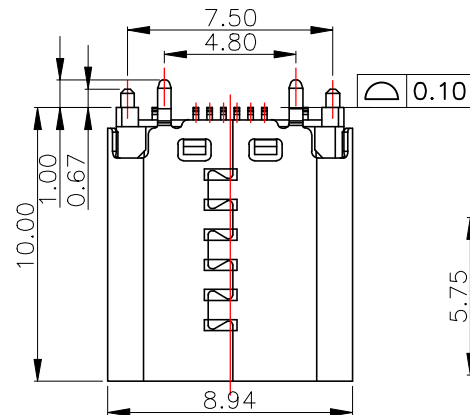
1. 每卷前后各空10PCS, 尾部用美纹胶纸封住;
2. 将产品放满盘后, 再卷一圈保护带, 用美纹胶纸将其封住, 并贴上1Pcs物料标签;
3. 每10卷盘一叠共3000Pcs并装入1个外箱内;
4. 在搬运过程中要轻拿轻放;
5. 在运输中不可堆放过多(1.8M最高), 不可重压;
6. 跌落测试条件:
成品箱从1.2米高度自由落体(一角三棱六面):
 - a. 产品不可跑出下带凹槽;
 - b. 产品不可有摔伤, 变形;
 - c. 内包装材料不可严重破损.



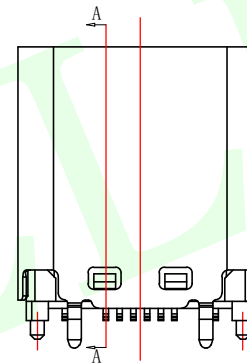
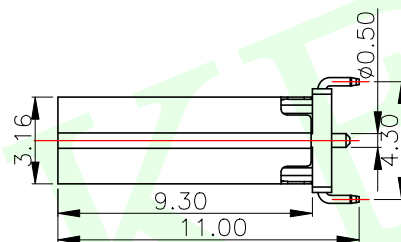
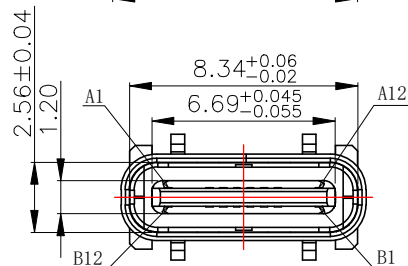
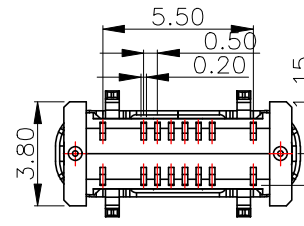
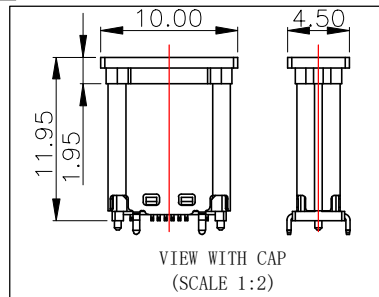
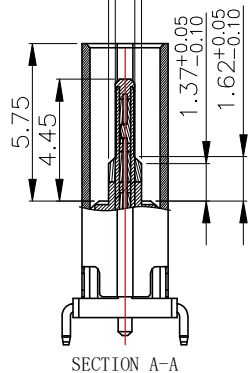
NO.	NAME	SPEC	Q' TY
①	TYPE C RECEPTACLE		3000PCS/CARTON
①	CARRIER TAPE	W=24mm, T=0.50mm	300PCS/PLATE
②	COVER TAPE	W=21.3mm	10PLATES/CARTON
③	REEL PLATE	330*100*24.4mm	10PCS/CARTON
④	RoHS LABEL		10PCS/CARTON
⑤	PRODUCT LABER		10PCS/CARTON
⑥	CARTON	350*340*310mm	1PCS/PACKAGE

MEASURE POINT: QUADRANT POINT (QP) TANGENCY POINT (TP) INTERSECTION POINT (IP)	DESIGN CHECKED APPROVED PART NO: LCK-TCF811-LXXXYL-G1 DRAWING NO: 102022122	Andy DATE DATE DATE	2014.12.24 TITLE: TYPE C 16P立贴8.8&10.5	REV: 04 SCALE: 1:1 UNIT: mm
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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:

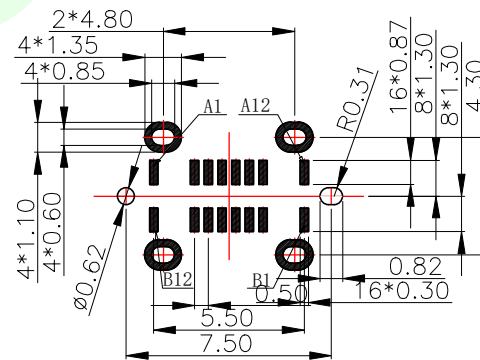
- 3.1.MATING FORCE:0.5~2.0kgf;
- 3.2.UNMATING FORCE:0.8~2.0kgf.
0.6~2.0kgf AFTER DURABILITY TEST;
- 3.3.DURABILITY:10000 CYCLES;

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:

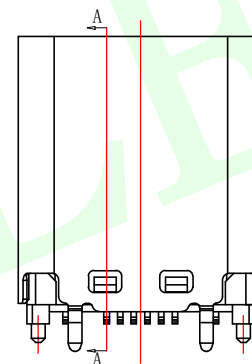
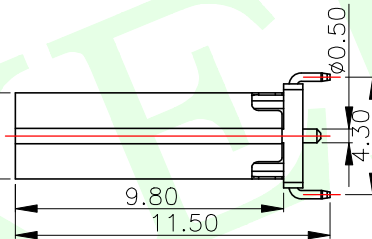
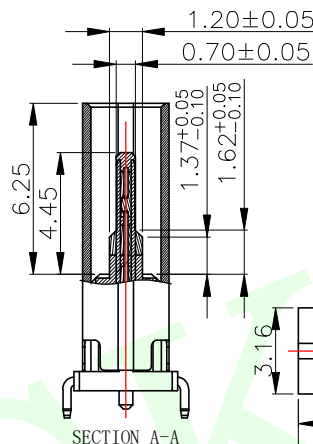
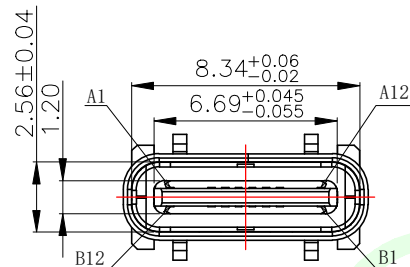
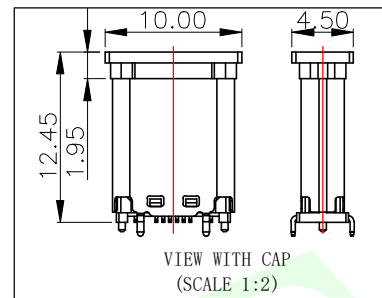
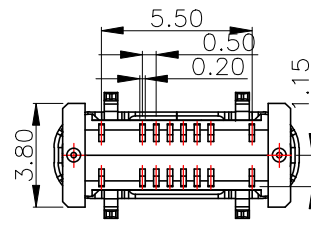
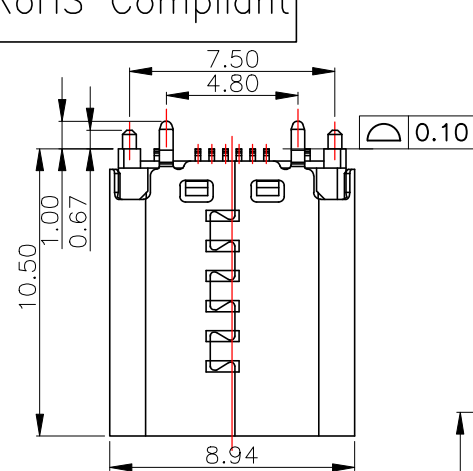
- 5.1.OPERATING TEMPERATURE:-40° C~+85° C;
- 5.2.WETTING TEMPERATURE:265±5° C, 5±0.5s
- 5.3.Salt Spray Test:48H Min



(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:		DESIGN	Andy	DATE	2014.12.24
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
ANGULAR ±3°		DRAWING NO: 102022122		SIZE: A4	UNIT: mm
				SHEET: 1/1	

RoHS Compliant

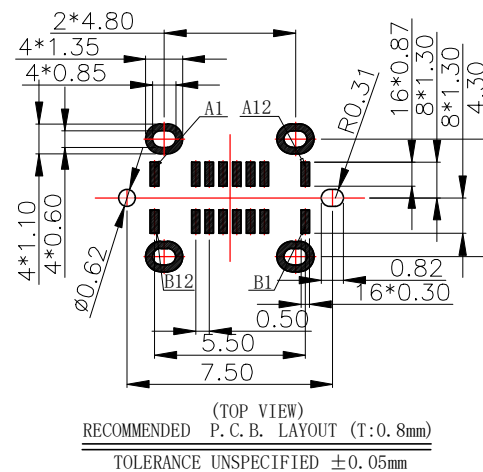


USB TYPE-C 16PIN ASSIGNMENTS

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

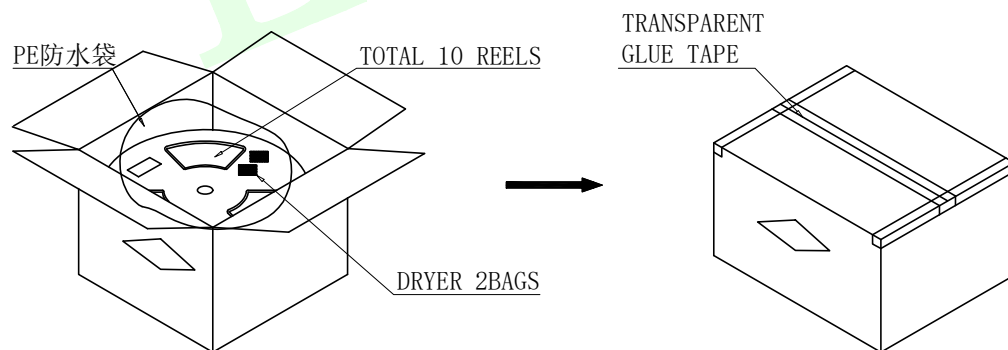
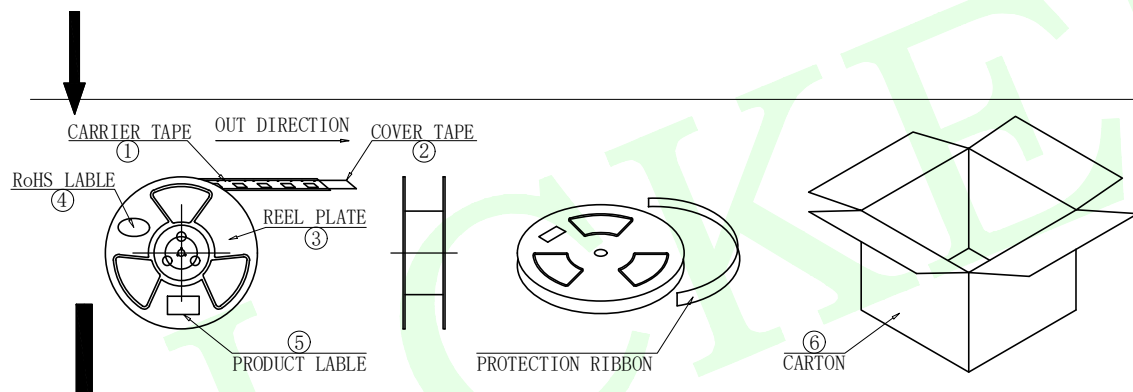
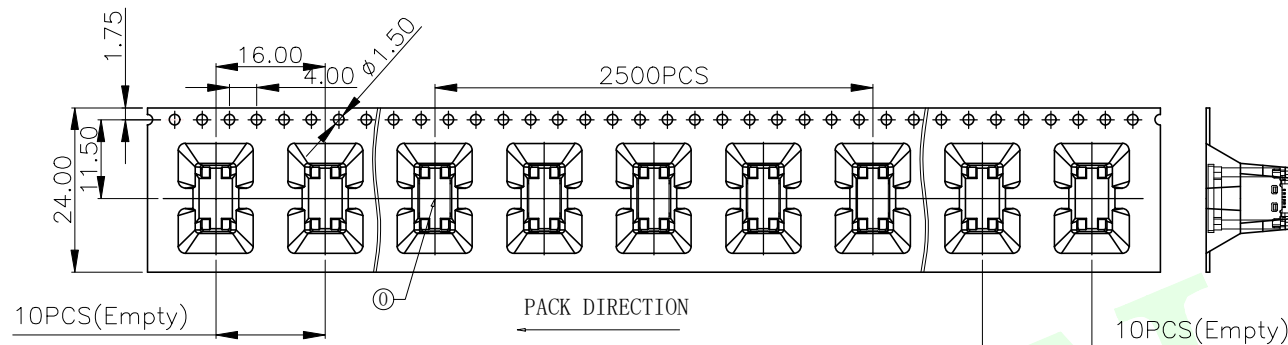
SPECIFICATION:

- 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:		 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:		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						
ANGULAR ±3°		DRAWING NO: 102022122				REV: 04	SCALE: 1:1	UNIT: mm
		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