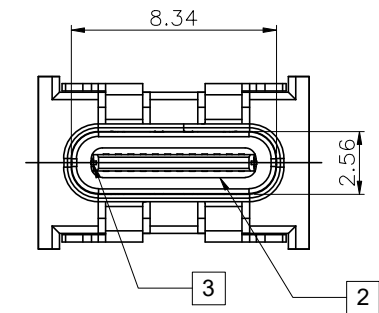
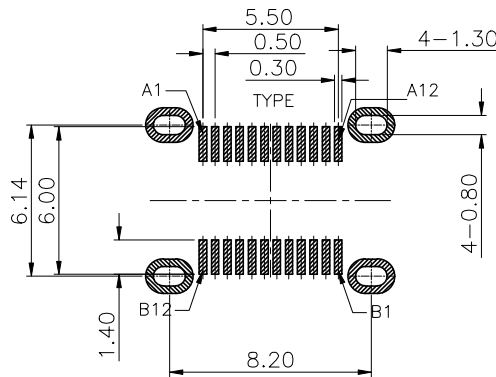
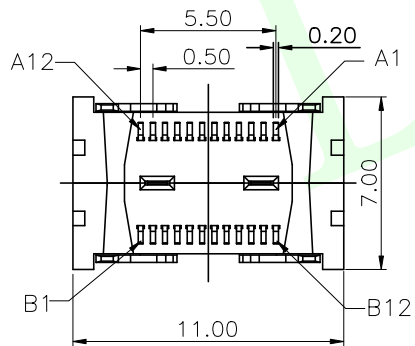
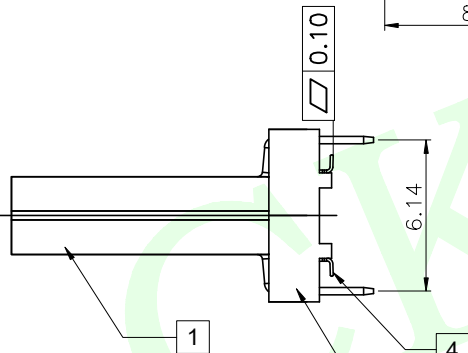
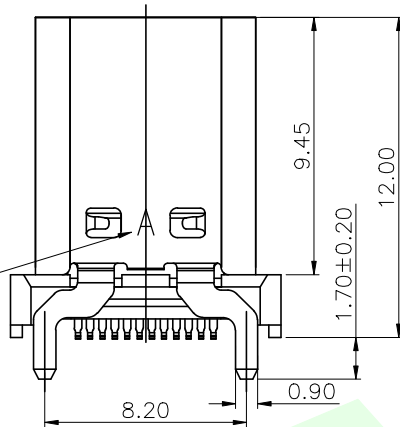


RoHS Compliant



IDENTIFICATION MARK



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

NOTE:

1. Contact Resistance: 40mOHM Max.;
2. Dielectric Withstanding Voltage: 100V AC For 1 Minute;
3. Insulation Resistance: 100M OHM Min.;
4. Mating And unmating Force:  
Mating Force: 5~20N  
Unmating Force: 8~20N;  
6~20N AFTER TEST;
5. Durability: 10000 Cycles;

LCK-TCF 922 LXXX W 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

L120=12.00

L130=13.00

L135=13.50

L150=15.00

L200=20.00

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

CAP 示意图 SC: 1:2

USB TYPE-C PIN 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

Item	Title	Material	Dispose	Q'TY
1	Shell	SUS304	Ni:30u" Min.	1PCS
2	GND Plate	SUS301		2PCS
3	Mid Plate	SUS301		1PCS
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS
5	InsertMolding	LCP E6808	UL 94V-0 Black	1PCS
6	COVER	LCP E6808	UL 94V-0 Black	1PCS

QUADRANT POINT   
TANGENCY POINT   
INTERSECTION POINT

UNLESS OTHERWISE  
SPECIFIED, TOLERANCE:



X.  $\pm 0.50$

X.x  $\pm 0.30$

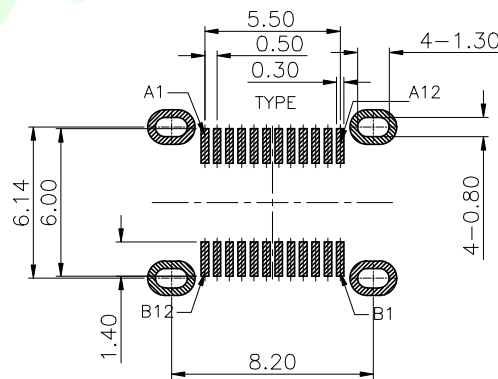
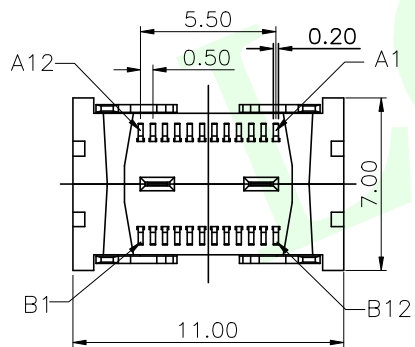
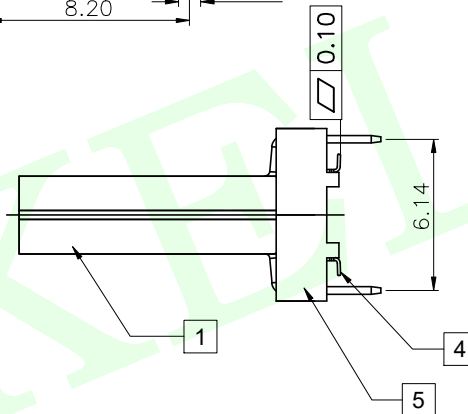
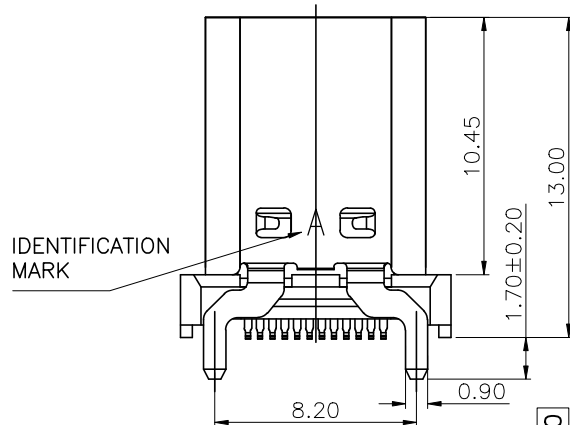
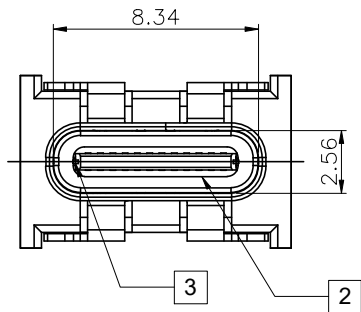
X.xx  $\pm 0.10$

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:		
CHECKED		DATE		USB TYPE C 24PIN 立贴12.0/13.0/13.50		
APPROVED		DATE		15.0/20.50		
PART NO: LCK-TCF922-LXXXL-G1				REV: 04	SCALE: 1:1	UNIT: mm
DRAWING NO:				SIZE: A4	SHEET: 1/1	 

RoHS Compliant

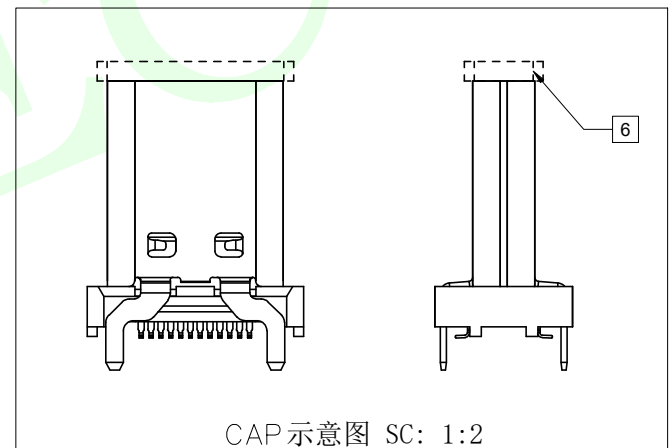


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

NOTE:

1. Contact Resistance: 40mOHM Max.;
2. Dielectric Withstanding Voltage: 100V AC For 1 Minute;
3. Insulation Resistance: 100M OHM Min.;
4. Mating And unmating Force:  
Mating Force: 5~20N  
Unmating Force: 8~20N;  
6~20N AFTER TEST;
5. Durability: 10000 Cycles;



Item	Title	Material	Dispose	Q'TY
1	Shell	SUS304	Ni:30u" Min.	1PCS
2	GND Plate	SUS301		2PCS
3	Mid Plate	SUS301		1PCS
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS
5	InsertMolding	LCP E6808	UL 94V-0 Black	1PCS
6	COVER	LCP E6808	UL 94V-0 Black	1PCS

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	SBU2
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

QUADRANT POINT  
TANGENCY POINT  
INTERSECTION POINT



UNLESS OTHERWISE  
SPECIFIED, TOLERANCE:

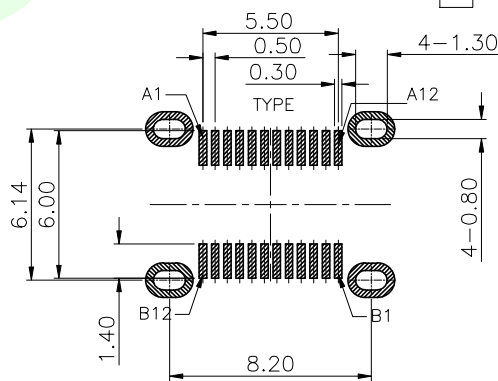
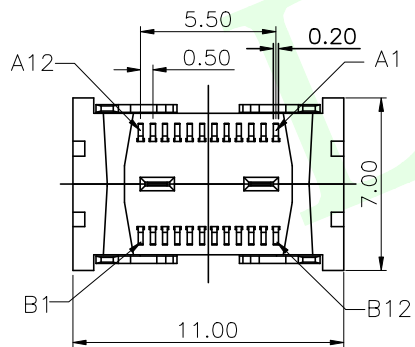
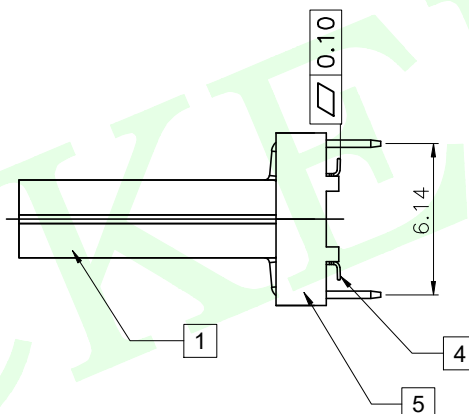
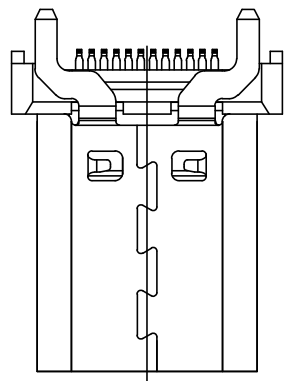
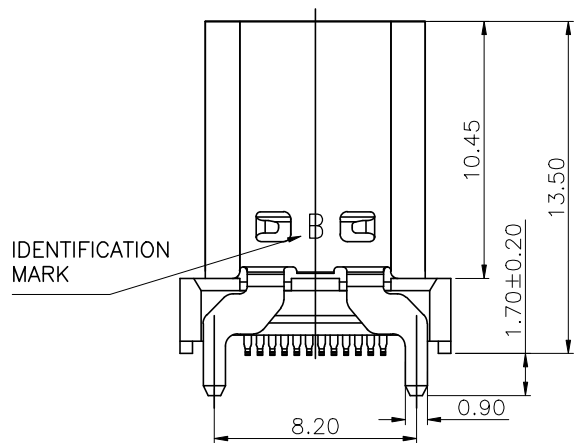
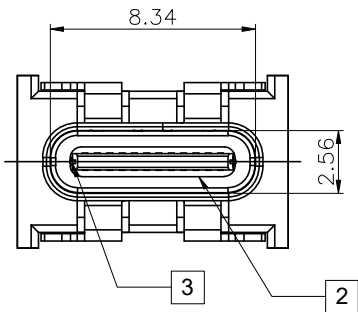
X.	$\pm 0.50$
X.x	$\pm 0.30$
X.xx	$\pm 0.10$
ANGULAR	$\pm 3^\circ$



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

DESIGN	Andy	DATE	2014.12.24	TITLE:	USB TYPE C 24PIN 立贴 12.0/13.0/15.0
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF922-LXXXL-G1		REV: 04		SCALE: 1:1	UNIT: mm
DRAWING NO:		SIZE: A4		SHEET: 1/1	

RoHS Compliant

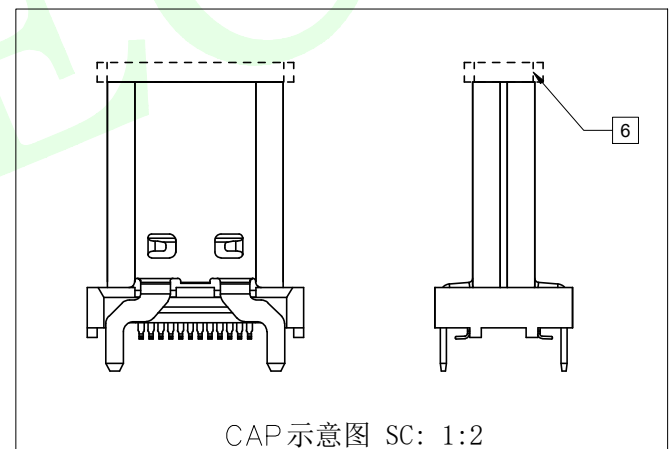


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

NOTE:

1. Contact Resistance: 40mOHM Max.;
2. Dielectric Withstanding Voltage: 100V AC For 1 Minute;
3. Insulation Resistance: 100M OHM Min.;
4. Mating And unmating Force:  
Mating Force: 5~20N  
Unmating Force: 8~20N;  
6~20N AFTER TEST;
5. Durability: 10000 Cycles;



CAP 示意图 SC: 1:2

Item	Title	Material	Dispose	Q'TY
1	Shell	SUS304	Ni:30u" Min.	1PCS
2	GND Plate	SUS301		2PCS
3	Mid Plate	SUS301		1PCS
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS
5	InsertMolding	LCP E6808	UL 94V-0 Black	1PCS
6	COVER	LCP E6808	UL 94V-0 Black	1PCS

USB TYPE-C PIN 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

QUADRANT POINT  
TANGENCY POINT  
INTERSECTION POINT



UNLESS OTHERWISE  
SPECIFIED, TOLERANCE:

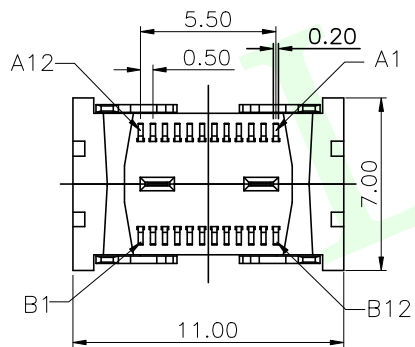
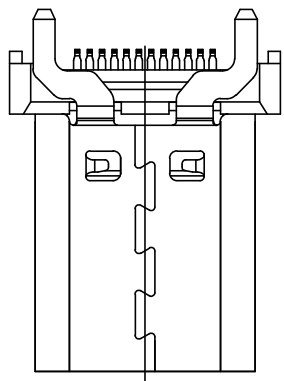
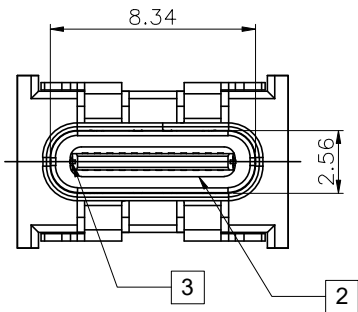
X.	$\pm 0.50$
X.x	$\pm 0.30$
X.xx	$\pm 0.10$
ANGULAR	$\pm 3^\circ$



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

DESIGN	Andy	DATE	2014.12.24	TITLE:	USB TYPE C 24PIN 立贴 12.0/13.0/13.50
CHECKED		DATE			
APPROVED		DATE			15.0/20.50
PART NO: LCK-TCF922-LXXXL-G1			REV: 04	SCALE: 1:1	UNIT: mm
DRAWING NO:			SIZE: A4	SHEET: 1/1	

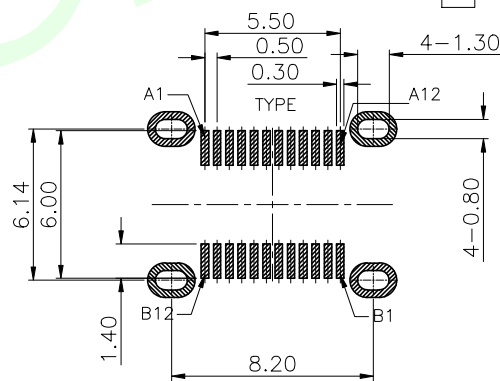
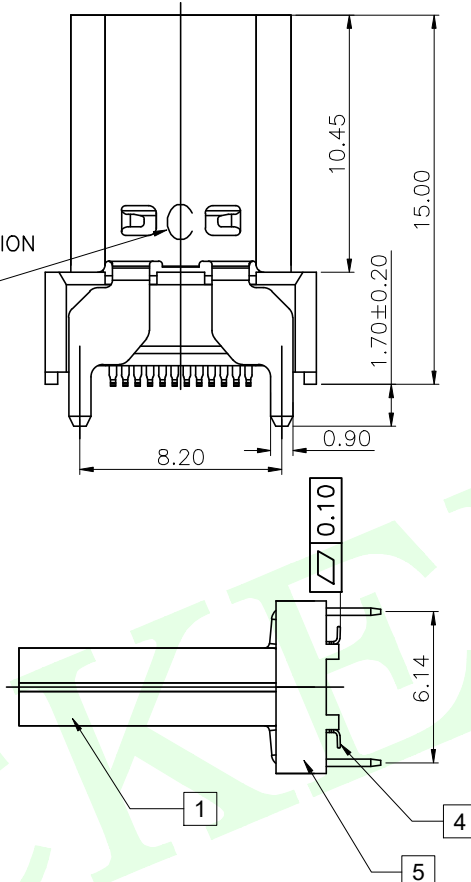
RoHS Compliant



USB TYPE-C PIN 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

IDENTIFICATION MARK

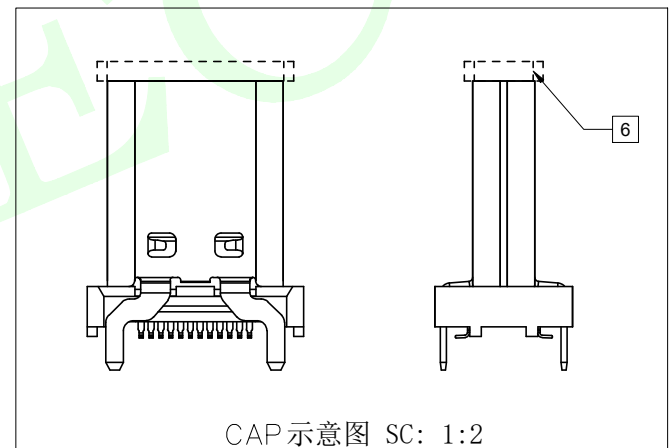


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

NOTE:

1. Contact Resistance: 40mOHM Max.;
2. Dielectric Withstanding Voltage: 100V AC For 1 Minute;
3. Insulation Resistance: 100M OHM Min.;
4. Mating And unmating Force:  
Mating Force: 5~20N  
Unmating Force: 8~20N;  
6~20N AFTER TEST;
5. Durability: 10000 Cycles;



Item	Title	Material	Dispose	Q'TY
1	Shell	SUS304	Ni:30u" Min.	1PCS
2	GND Plate	SUS301		2PCS
3	Mid Plate	SUS301		1PCS
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS
5	InsertMolding	LCP E6808	UL 94V-0 Black	1PCS
6	COVER	LCP E6808	UL 94V-0 Black	1PCS

QUADRANT POINT  
TANGENCY POINT  
INTERSECTION POINT



UNLESS OTHERWISE  
SPECIFIED, TOLERANCE:

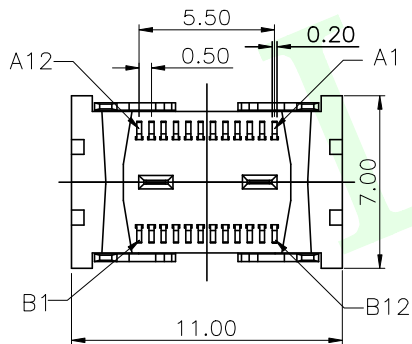
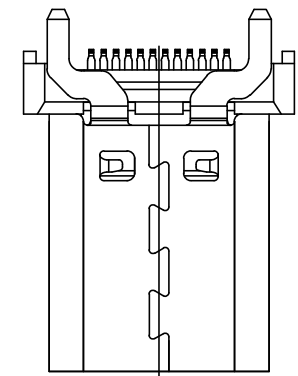
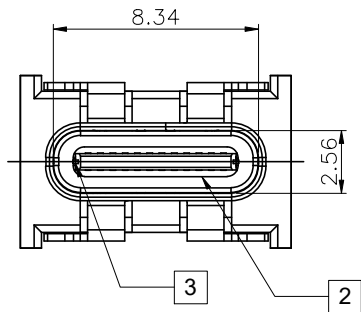
X.	±0.50
X.x	±0.30
X.xx	±0.10
ANGULAR	±3°



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

DESIGN	Andy	DATE	2014.12.24	TITLE:	USB TYPE C 24PIN 立贴12.0/13.0/15.0
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF922-LXXXL-G1		REV: 04		SCALE: 1:1	UNIT: mm
DRAWING NO:		SIZE: A4		SHEET: 1/1	

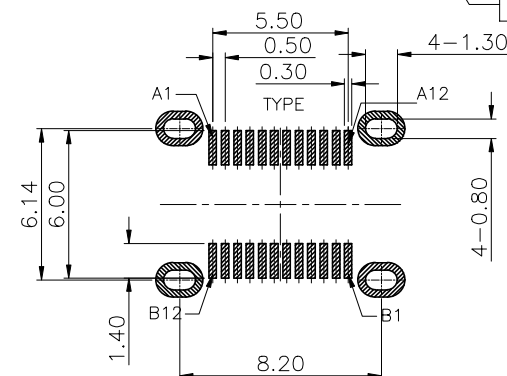
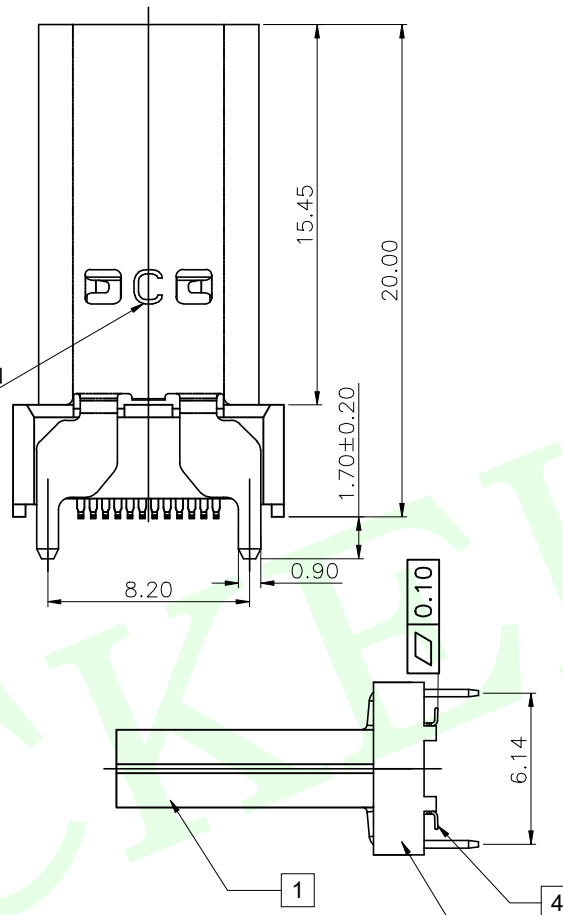
RoHS Compliant



USB TYPE-C PIN ASSIGNMENTS

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

IDENTIFICATION MARK

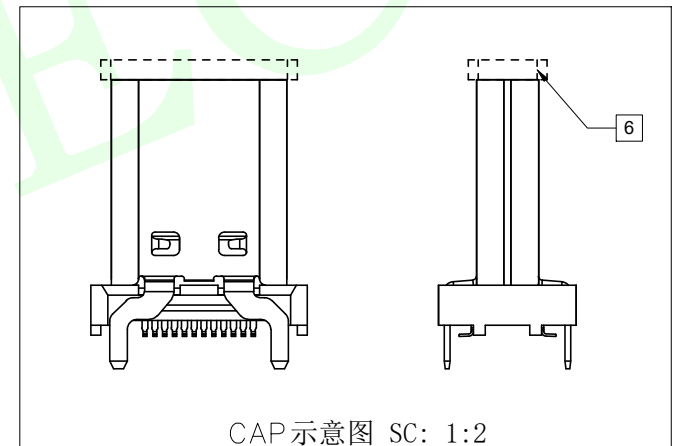


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

NOTE:

1. Contact Resistance: 40mOHM Max.;
2. Dielectric Withstanding Voltage: 100V AC For 1 Minute;
3. Insulation Resistance: 100M OHM Min.;
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Unmating Force: 8~20N;  
6~20N AFTER TEST;
5. Durability: 10000 Cycles;



Item	Title	Material	Dispose	Q'TY
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2	GND Plate	SUS301		2PCS
3	Mid Plate	SUS301		1PCS
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS
5	InsertMolding	LCP E6808	UL 94V-0 Black	1PCS
6	COVER	LCP E6808	UL 94V-0 Black	1PCS

QUADRANT POINT  
TANGENCY POINT  
INTERSECTION POINT



UNLESS OTHERWISE  
SPECIFIED, TOLERANCE:

X.	$\pm 0.50$
X.x	$\pm 0.30$
X.xx	$\pm 0.10$
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	USB TYPE C 24PIN 立贴12.0/13.0/15.0
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF922-LXXXL-G1	REV: 04	SCALE: 1:1	UNIT: mm		
DRAWING NO:	SIZE: A4	SHEET: 1/1			