

RoHS Compliant

NOTES:

1. MATERIAL: SEE "TABLE 1";
2. FINISH: SEE "TABLE 1";

3. ELECTRICAL :

- 3-1.CONTACT CURRENT RATING :
5A(VBUS PIN 1.5A/PIN),
5A(GND PIN 1.25A/PIN MAX),0.25A/PIN(OTHER PIN).
- 3-2.INSULATION RESISTANCE :
100 MEGAOHMS MIN. AT 250VDC.
- 3-3.DIELECTRIC WITHSTANDING VOLTAGE :
100VAC MIN.
- 3-4.LOW LEVEL CONTACT RESISTANCE :
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.

4.MECHANICAL CHARACTERISTICS :

- 4-1. MATING FORCE: 5~20N;
- 4-2. UNMATING FORCE: 8~20N(INITIAL),6~20N(AFTER 10000 CYCLES);
- 4-3.DURABILITY : 10,000 MATING CYCLES.
- 4-4.OPERATING TEMPERATURE : -40°C TO +80°C

PIN ASSIGNMENTS

PIN	SignalName	MatingSequence	PIN	SignalName	MatingSequence
A1	GND	First	B12	GND	First
A2	SSTxp1	Second	B11	SSRXp1	Second
A3	SSTxp1	Second	B10	SSRXn1	Second
A4	VBUS	First	B9	VBUS	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	VBUS	First	B4	VBUS	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXn2	Second	B2	SSTXP2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

LCK-TCY 9001 - CXXX W L- G1

联晟欣
LCK
产品类别
TCY: TYPE C防水母头
产品流水料号识别码

沉板深度
C14: 1.4

有柱无柱
Y: 有柱
W: 无柱

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

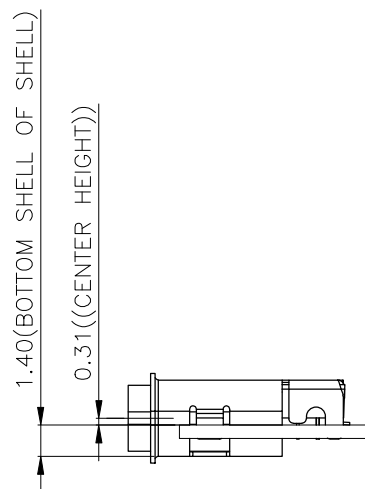
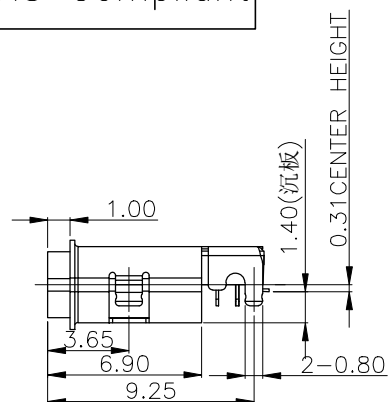
TABLE 1:

⑧	GLUE WATER	1	EPOXY	BLACK;	
⑦	Shell-2	1	Stainless steel	NI PLATING;	T=0.20mm
⑥	Shell-1	1	Stainless steel	NI PLATING;	T=0.20mm
⑤	GND PLATE	1	Stainless steel	NI PLATING;	T=0.10mm
④	MID PLATE	1	Stainless steel		T=0.15mm
③	Terminal-B	12	铜镍硅合金	Au:15u" PLATING;	T=0.12mm
②	Terminal-A	12		Au:15u" PLATING;	T=0.12mm
①	Housing	1	HIGH TEMP	Black	
NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK

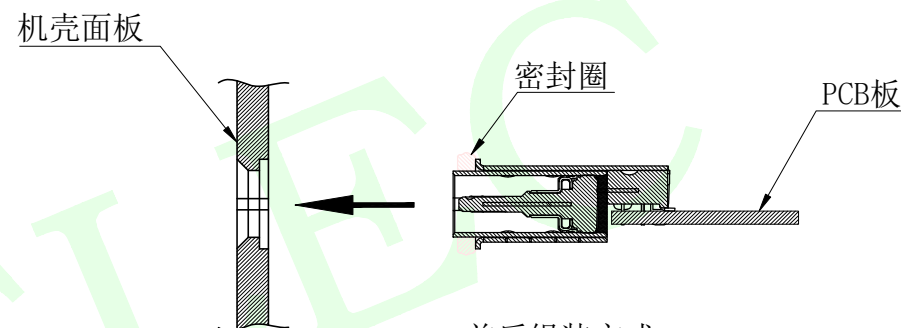
QUADRANT POINT	GP	联晟欣连接器(深圳)有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd			
TANGENCY POINT	TP				
INTERSECTION POINT	IP				
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN	Andy	DATE	2014.12.24
X. ±0.25		CHECKED		DATE	
X.x ±0.20		APPROVED		DATE	
X.xx ±0.15		PART NO: LCK-TCY9001-C14WL-G1		REV: 04	SCALE: 1:1
ANGULAR ±3°		DRAWING NO: 102022243		SIZE: A4	SHEET: 1/1

RECOMMENDED P.C.B LAYOUT(Both sides are sample)
Tolerance: ±0.05, Thickness=0.60mm

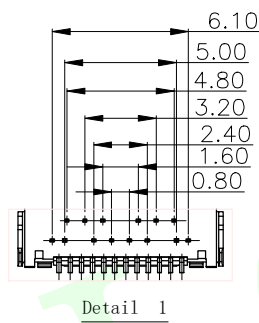
RoHS Compliant



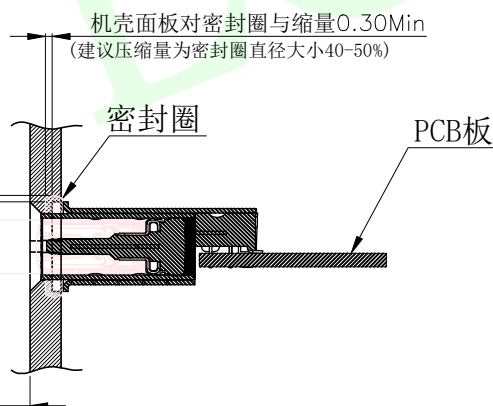
建议密封方式



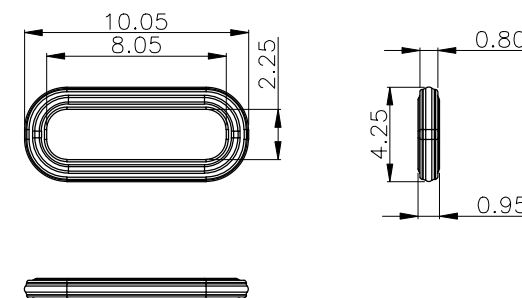
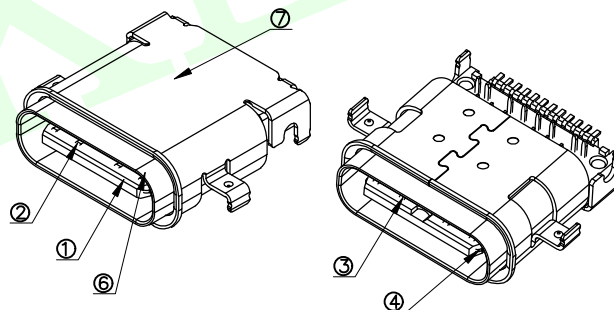
前后组装方式



机壳面板对密封圈与缩量0.29Min
(建议压缩量为密封圈直径大小40-50%)



组装面板后公母头对插示意图



建议防水圈规格（材质硅橡胶）

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