

RoHS Compliant



1. ELECTRICAL CHARACTERISTICS:
- 1.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 - 1.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN(PIN1, A4, A9, A12, B1, B4, B9, B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.
 - 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R. M. S.
 - 1.4 INSULATION RESISTANCE 100MΩ Min
 - 1.5 OPERATING TEMPERATURE: -40° C ~ 85° C
2. MECHANICAL CHARACTERISTICS:
- 2.1 MATING FORCE: 5~20 N.
 - 2.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST
 - 2.3 DURABILITY: 10,000 CYCLES

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

SECTION C-C(SC 1:1)

SECTION A-A

PANEL CUT-OUT REFERENCE

LCK-TCY 9002 - LXXX W L- G3

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

壳长
L864: 8.64

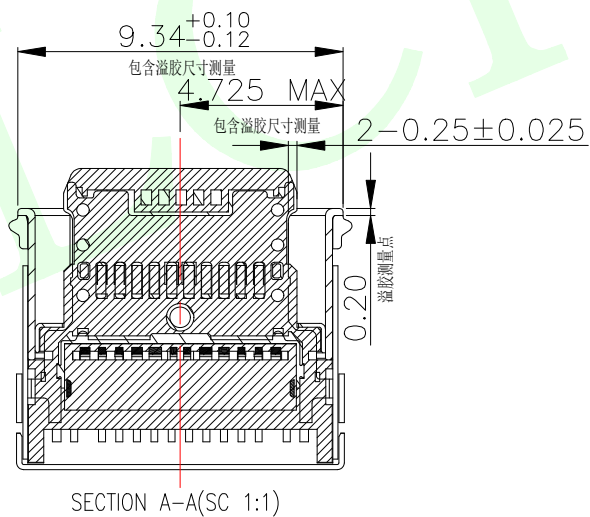
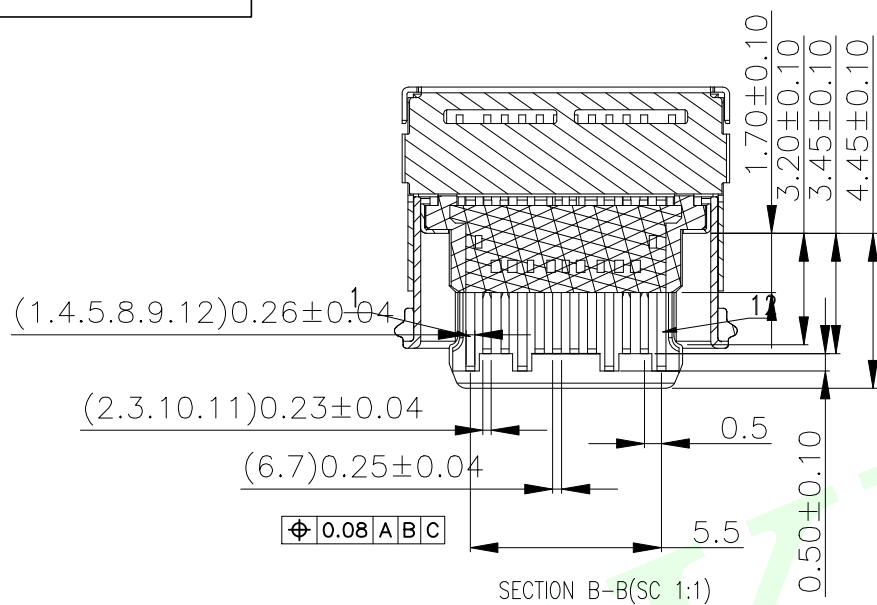
有柱无柱
Y: 有柱
W: 无柱

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

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				TITLE:	
	DESIGN	Andy	DATE	2014.12.24	TYPE C/F 24PIN防水IP68板上双贴 SMT	
	CHECKED		DATE			
	APPROVED		DATE			
PART NO: LCK-TCY9002-L864WL-G3 DRAWING NO: 102022242	REV: 04				SCALE: 1:1	UNIT: mm
	SIZE: A4				SHEET: 1/1	

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PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

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

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CHECKED		DATE		TYPE C/F 24PIN防水IP68板上双贴 SMT	
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PART NO: LCK-TCY9002-LB64WL-G3				REV: 04	SCALE: 1:1
DRAWING NO: 102022242				SIZE: A4	SHEET: 1/1

