

# acknowledgement

#### SPECIFICATION FOR APPROVAL

client: CUSTOMER:	Zhongli Guanda (Shenzhen) Intelligent Technology Co., LTD. (KH 008)
Customer part number: CUSTP/N:	
Internal material number:	LCX-KH008TX010
LCXP/N:	Ф21. 7*39-0. 08*72P-11TS-30-42. 42LC- ВЈ
product model:  DESC:	2024/4/30
date:	
DATE:	ST N
edition:	A.0
Version:	

fabricatio n PREPARED BY	examine and verify CHECKED BY	ratify APPROVED BY	Customer acknowledges CUSTOMER APPROVE
Yang	Gao		
Wen jun 2024/4/3	Yinghong 2024/4/3		

Address: Room 401, 4th floor, Building 7B, Rongzhang Industrial Park, No. 440 Hengkeng Village, Guancheng Community, Guanhu Street, Longhua District, Shenzhen

E-mail: 467317369@qq.com

	uct specification IFICATION	Vers ion A/O	Produced by: Yang Wenjun 2024/4/30	Review: Gao Yinghong 2024/4/30
Drawing num	ber: LCX-GCQP001168	Page number: 2/4	Customer code: CUST	KH008
specifica	Ф21. 5*39-0. 08*72P-11TS-30-42.	42LOC-BJ	Customer part number: CUSTP/N	
tions and models			Internal part number: IN P/N	LXC- KH 008 TX 010

# Version change history

## **Version Change History**

edit ion Rev	Before change Before Change	Post-change After Change	Change the date Change Date	ratify Approved By
A/0	new issue		2024/4/30	Gao Yinghong
		4.7		
		\.\X\		
		X		
		* XeX **		
		3/2/		
	- 3	17.2		

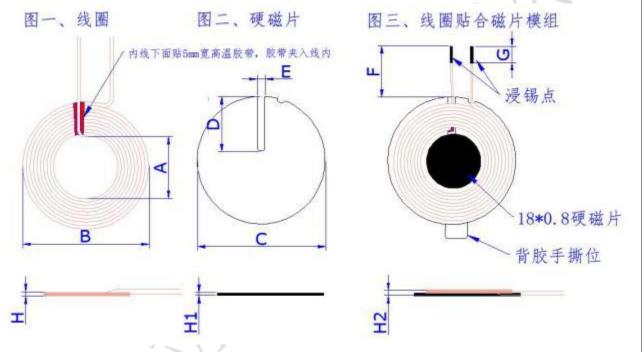
## Bill Of Material

## Bill of material

order number	name of material	Internal material number	Material specifications	unit	dosage	remarks
1	coil		Multi-strand enameled wire 0.08*72P	can	4. 1	
2	Hard magnetic sheet		Ф42.4*0.65 material PN40	PCS	1	Double trough without holes
3	Hard magnetic sheet		Φ 18*0.8 material PN40	PCS	1	
4	Ordinary double- sided tape		Ф41. 5*0. 03	PCS	1	Double-sided adhesive tape for tearing
5	Lead-free tin strips		Su 99.3 Cu 0.7	can		
6	Yellow glue		405	can		
7	High temperature tape		Wide 5* long 8	PCS	1	
		blank below				

Product specification SPECIFICATION							1	Vers ion A/O	Production by: Yawa Wenjur 2024/4	ang 1		Ying	iew: Gao ghong 4/4/30		
Drawing number: LCX-GCQP001168					Pag nui 3/4	mber:	Custon	er code	e: CUST		KH008				
specifica tions and models   Description and models  Description and models  Description and models  Description and models  Description and models  Description and models  Description and mumber: Customer part number: C								: CUSTP al part	/N	LXC	C- KH 008 TX 010				
A	В		С		D	Е	F	G		Н	H1	H2			
21.7 ±0.5	39- 40.5		.5+0/ 0.5		17.7 Ref	2.4 Ref	30 ±2	3 ±1		0.7 ±0.1	0.65 ±0.05	1.6 Max			-4

I. Size DIMENSION: (mm) Winding die:  $\Phi$  21.7 Single coil weight: 4.1



#### remarks:

- 1. The coil is wound clockwise as shown in Figure 1. The coil should not be loose or cross the wire, and the lead wire should not cross out of the wire. A 5 mm high and wide temperature tape should be attached under the inner wire. 2. The magnetic sheet is shown in Figure 2 with specifications: 42.4\*0.65 double slot without hole
- 3. The coil is attached in the center as shown in Figure 3. The coil is attached in reverse. The inner wire comes out from the slot of the magnetic plate, and the outer wire is opposite to the small opening of the magnetic plate.
- 4. The small magnetic sheet is attached in the middle of the front magnetic sheet of the coil, specification: 18\*0.8; the ordinary double-sided adhesive is attached on the back, specification: 41.5\*0.03, with a tear position.
- II. Schematic SCHEMATIC DIAGRAM:



3. Winding parameter Winding Specification:

orde	terminal	Wire diameter	Wire	number	direction of
r	TERMINAL	WIRE	decomposit	of turns	winding
numb			ion	Turns	Winding Direction
er			1011		_

NO				temperatur		
				е		
				Temperatur		
				е		
L1	S	F	Multiple enameled wire 0.08*72P	180-250 degrees	11TS	clockwise

#### 4. Electrical characteristics ELECTRICAL CHARACTERISTIC:

Temperature TEMPERATURE:  $25\pm10\,^{\circ}$  C, humidity RELATIVE HUMIDITY:  $65\pm20\%$ 

order	Magnetic	induct	impe	test	measuring
er	sheet	ance	danc	condition	and test
nu	material	valu	e	TEST FREQUENCY	instruments
number	Disk	e LS	DCR		TEST EQUIPMENTS
r	material				. ( )
1	/	4.5 uH±10% (single coil)	58m Ω±10%	100 KHz/1.0V	U2832
2	Hard magnetic sheet	8.3±0.3 UH (adhesive magnetic sheet)	58m Ω±10%	100 KHz/1.0V	U2832

	uct specification IFICATION	Vers ion A/O	Produced by: Yang Wenjun 2024/4/30	Review: Gao Yinghong 2024/4/30
Drawing num	ber: LCX-GCQP001168	Page number: 4/4	Customer code: CUST	KH008
specifica	Ф21. 7*39-0. 08*72P-11TS-20-42.	Customer part number: CUSTP/N		
tions and			Internal part	LXC- KH 008 TX
models			number: IN P/N	010

Packing way: Foam box

packaging

