



SPECIFICATION FOR APPROVAL

CUSTOMER: Zhongli Guanda (Shenzhen) Intelligent Technology Co., Ltd
(KH008)

CUST P/N:

LCX P/N:

LCX-KH008TX010

DESC:

Φ 21. 7*39-0. 08*72P-11TS-30-42. 42LC-BJ

DATE:

2024/4/30

Version:

A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
杨文俊 2024/4/30	高应洪 2024/4/30		

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<u>SPECIFICATION</u> Drawing No: LCX-GCQP001168		Rev A/0	make: 杨文俊 2024/4/30	to examine: 高应洪 2024/4/30
		page: 2/4	customer code: CUST	KH008
model	Φ 21. 5*39-0. 08*72P-11TS-30-42. 42LOC-BJ	Customer part number: CUST P/N		
		Internal part number: IN P/N		LXC-KH008TX010

Version Change History				
Rev	Before Change	After Change	Change Date	Approved By
A/0	new issue	-----	2024/4/30	高应洪

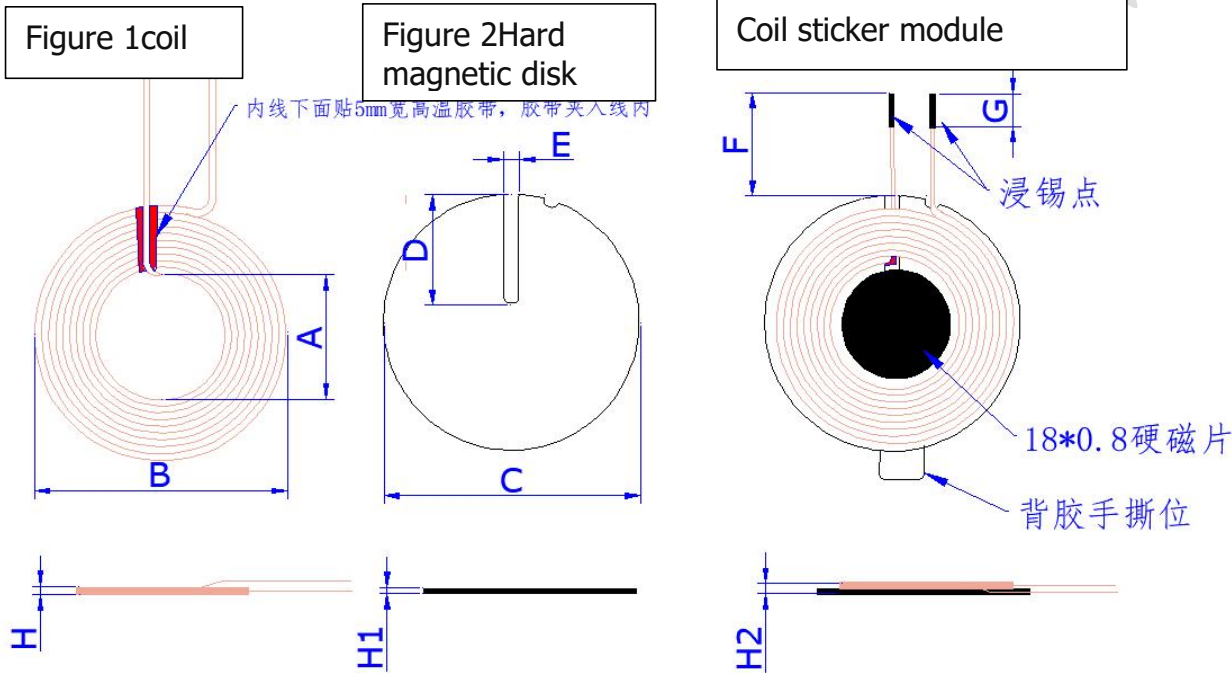
Bill of material

Serial Numb er	Material name	Internal part number	material specification	unit	usa ge	notes
1	coil		Multi strand enameled wire 0.08*72P	can	4.1	
2	Hard magnetic disk		Φ 42.4*0.65materialPN4 0	PCS	1	Double slot without holes
3	Hard magnetic disk		Φ 18*0. 8materialPN40	PCS	1	
4	Ordinary double- sided tape		Φ 41.5*0.03	PCS	1	Double sided adhesive tape with hand tear position
5	Solder Bar		Su 99.3 Cu 0.7	can		
6	Yellow Glue		405	can		
7	High temperature adhesive tape		5*8	PCS	1	

深圳市立诚兴科技有限公司

SPECIFICATION Drawing No: LCX-GCQP001168								Version A/0	make: 杨文俊 2024/4/30	to examine: 高应洪 2024/4/30					
								page: 3/4	customer code: CUST	KH008					
Specification and model		$\Phi 21.7 \times 39-0.08 \times 72P-11TS-30-42.42LOC-BJ$							Item number: CUST P/N						
									Internal part number: IN P/N			LXC-KH008TX010			
A	B	C		D	E	F	G	H	H1	H2	--	--	--	--	--
21.7 ± 0.5	39- 40.5	42.5+0/ -0.5		17.7 Ref	2.4 Ref	30 ± 2	3 ± 1	0.7 ± 0.1	0.65 ± 0.05	1.6 Max	--	--	--	--	--

一、 DIMENSION:(mm) Wire winding mold: $\Phi 21.7$ Single weight coil: 4.1



notes:

1. The coil should be wound clockwise as shown in Figure 1. The coil should not be loose or loose, and the leads should not cross each other. A 5mm high width thermal tape should be applied underneath the inner wire,
2. The magnetic sheet is shown in Figure 2, with specifications of 42.4 * 0.65 and double slots without holes
3. As shown in Figure 3, the coil is centered and attached in reverse, with the inner wire coming out from the slot of the magnetic plate and the outer wire facing the small opening of the magnetic plate.
4. Attach a small magnetic piece in the middle of the front magnetic piece of the coil, with a specification of 18 * 0.8, and apply ordinary double-sided tape with a specification of 41.5 * 0.03 on the back, with a hand tear off position.

二、 SCHEMATIC DIAGRAM:



三、 Winding Specification:

NO	TERMINAL		WIRE	Temperature	Turns	Winding Direction
L1	S	F	Multi stranded enameled wire0.08*72P	180-250 linear measure	11TS	clockwise
four、 ELECTRICAL CHARACTERISTIC: : TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%						
Serial Number	Disk material	LS	DCR	TEST FREQUENCY	TEST EQUIPMENTS	
1	/	4.5uH±10% (single-coil)	58mΩ±10%	100KHz/1.0V	U2832	
2	Hard magnetic disk	8.3±0.3uH (Adhesive magnetic sheet)	58mΩ±10%	100KHz/1.0V	U2832	

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Specification and model	Φ 21. 7*39-0. 08*72P-11TS-20-42. 42LOC-BJ	Customer part number: CUST P/N		
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六、 Packing way:
Foam box packaging

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