



# Shenzhen City Chengxing Technology Co., LTD

## SPECIFICATION FOR APPROVAL

CUSTOMER: Kumar Technology (Shenzhen) Co., LTD(KH250)

CUST P/N: Single coil

LCX P/N: LCX-KH250TX001

DESC: Ø20.5\*41-0.08\*105P-10TS-10-43.52LOC-BJ

DATE: 2023/10/11

Version: A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Xiong Gang 2023/10/11	Gao Ying Hong 2023/10/11		

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

Telephone: 13828741697

**E-mail:** 467317369@qq.com

<u>SPECIFICATION</u>		Edition A/0	Make: Xiong Gang 2023/10/11	Examine: Gao Ying Hong 2023/10/11
Drawing number: LCX-GCQP0001037		Page: 2/4	CUST	KH250
Model Name	Ø20.5*41-0.08*105P-10TS-10-43.52LOC-BJ	CUST P/N		Single coil
		IN P/N		LCX-KH250TX001
Version Change History				
Rev	Before Change	After Change	Change Date	Approved By
A/0	New issue	-----	2023/10/11	Gao Ying Hong

Bill of material

序号	Name	Internal part number	specification	Unit	Used	Note
1	Coil		0.08*105	g	5.5	
2	Hard disk		43.5*5.3*0.8	PCS	1	
3	Double-sided adhesive		42*5.5*0.05	PCS	1	
4	High-temperature tape		9*15*0.03	PCS	1	

SPECIFICATION									Edition: A/0		Make: Xiong Gang 2023/10/11		Examine:Gao Ying Hong 2023/10/11		
Drawing number:LCX-GCQP0001037									Page:3/4		CUST		KH250		
规格型号		Ø20.5*41-0.08*105P-10TS-10-43.52LOC-BJ							CUST P/N		unicoil				
									IN P/N		LCX-KH250TX001				
A	B	C	D	E	F	H	H1	H2	---	---	---	---	---	---	
20.5 ±0.5	40- 41.5	5.3 ±0.3	43.5 ±0.5	3 ±1	10 ±2	2.4 ±0.2	1.1 ±0.15	0.8 ±0.08	---	---	---	---	---	---	

一、尺寸 DIMENSION:(mm) Winding die:20.5 Coil single weight:5.5

图一、线圈

图二、硬磁片

图三、线圈与磁片组合

Note:

1, coil winding as shown in Figure 1, structure according to size requirements, can not be scattered, loose line. Wrap 9MM wide high-temperature tape between the two leads

2. Figure 2 Hard disk, specification: 43.5\*5.3\*1.0

3, as shown in Figure 3, the coil is glued in the center of the magnetic disc, and the starting line leads into the slot

4. The back of the magnetic disc is affixed with 42\*5.5\*0.05 ordinary double-sided tape, and the release paper tape is torn by hand

二 SCHEMATIC DIAGRAM:						

三 Winding Specification:						
NO	TERMINAL		WIRE	Temperature	Turns	Winding Direction
L1	S	F	0.08*105	180-250°	10TS	anticlockwise

ELECTRICAL CHARACTERISTIC: :

TEMPERATURE:25±10℃, RELATIVE HUMIDITY:65±20%

NO	Disk material	LS	DCR	TEST FREQUENCY	TEST EQUIPMENTS
L1		3.8uH±10%	42mΩ±10%	100KHz/1.0V	U2832

L2	Hard disk	6.0uH±5%	42mΩ±10%	100KHz/1.0V	U2832
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Drawing number:LCX-GCQP0001037		Page: 4/4	CUST	KH250
Model Name	Ø20.5*41-0.08*105P-10TS-10-43.52LOC-BJ	CUST P/N		Single coil
		IN P/N		LCX-KH250TX001
<div>五、Packing way:</div> <div>1. Foam box packing</div>				