



Shenzhen Lichengxing Technology Co., Ltd

SPECIFICATION FOR APPROVAL

**CUSTOMER: Shenzhen Hongguo Intelligent Technology Co., Ltd
(KH187)**

CUST P/N:

LCX P/N:

LCX-KH178TX007

DESC:

Ø20.5*43-0.08*105P-10TS-50-502LOC-BJ

DATE:

2023/12/13

Version:

A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Yang Wenjun 2023/12/13	Chen Shuiling 2023/12/13		

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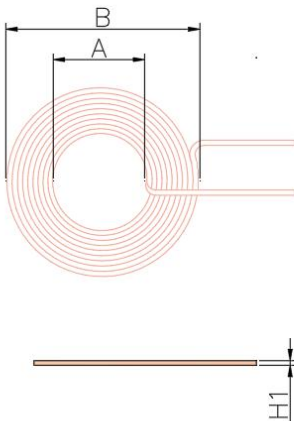
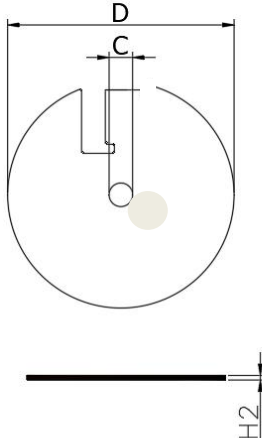
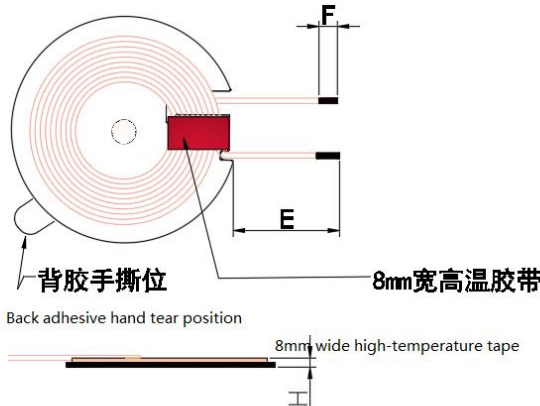

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<u>SPECIFICATION</u> Drawing No: LCX-GCQP0001095		Version: A/0	make: Yang Wenjun 2023/12/13	to examine: Chen Shuilin2023/ 12/13
		page number: 2/4	customer code: CUST	KH187
Specification and model	Ø20.5*43-0.08*105P-10TS-50-502LOC-BJ	Customer part number: CUST P/N		
		Internal part number: IN P/N		LCX-KH187TX007

Version Change History				
Rev	Before Change	After Change	Change Date	Approved By
A/0	new issue	-----	2023/12/13	Gao Yinghong

Bill of material

Serial Number	Material name	Internal part number	material specification	unit	Dosage	notes
1	coil		Silk covered wire 0.08*105	can	5.6	
2	Hard magnetic disk		50*5.3*1.0	PCS	1	
3	Double-sided adhesive backing		49*5.5*0.05	PCS	1	Hand tear position
4	High temperature tape		8*15*0.03	PCS	1	
		Blank below				

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A	B	C	D	E	F	H	H1	H2	---	---	---	---	---	---
20 ±0.5	43 ±1	5.3 ±0.3	50 ±0.8	50 ±2	3 ±1	2.4 MAX	1.2 ±0.15	1.0 Ref	---	---	---	---	---	---
1. size DIMENSION:(mm) Wire winding mold: 20.5 Single coil weight: 5.6														
<div><div><p>图一、线圈</p><p>Figure 1: Coil</p></div><div><p>图二、磁片</p><p>Figure 2: Magnetic Disk</p></div><div><p>图三、线圈与磁片组合</p><p>Figure 3: Combination of coils and magnetic sheets</p></div></div>														
notes:														
1. The coil is wound as shown in Figure 1, with a structure according to size requirements and cannot be loose or loose. Wrap 8mm wide high-temperature tape between two leads														
2. Figure 2: Hard magnetic disc, specification: 50 * 5.3 * 1.0														
3. The coil, as shown in Figure 3, is glued in the center and attached to the magnetic sheet, with the lead wire inserted into the slot														
4. Stick 49 * 5.5 * 0.05 ordinary double-sided tape on the back of the magnetic disc, and tear off the release paper tape by hand														
2. SCHEMATIC DIAGRAM:														
														
3. Winding Specification:														
NO	TERMINAL		WIRE			Temperature			Turns	Winding Direction				
L1	S	F	silk covered wire0.08*105			180-250linear measure			10TS	anticlockwise				

4、 ELECTRICAL CHARACTERISTIC: :

TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%

NO	Disk material	LS	DCR	TEST FREQUENCY	TEST EQUIPMENTS
L1		3.8uH±10% (single-coil)	45mΩ ±10%	100KHz/1.0V	U2832
L2	Hard magnetic disk	6.3uH±5% (Adhesive magnetic sheet)	45mΩ ±10%	100KHz/1.0V	U2832

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