



Shenzhen Lichengxing Technology

Co., Ltd. Statement of Commitment

SPECIFICATION FOR APPROVAL

visitor Account: CUSTOMER:	Shenzhen Guankewei Technology Co., Ltd. (KH062)
Customer Reference No.: CUST P/ N:	
Internal Part Number: LCX P/N:	LCX-KH062018
Product Model Number: DESC:	Ø14*40-0.08*105P-12TS-15-43.82LOC-BJ
sun designa- ted time: DATE:	2021/10/20
Version stem or root of plants: Version:	A.0

Fabrication PREPARED BY	Examine and verify CHECKED BY	Ratify APPROVED BY	Customer Approval
Liu Fanxin 2021/10/20	Gao Yinghong 2021/10/20		

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Product Specification <u>SPECIFICATION</u>		Version A/0	Produced by: Liu Fa- nxin October 20,2021	Reviewed by: Gao Yinghong October 20,2021
Drawing Number: LCX-GCQP000679		Page: 2/4	Customer Code:CUST	KH062
Specifications and models	Ø14*40-0.08*105P-12TS-15-43.82LOC-BJ		Customer Part Number: CUST P/ N	
			Internal Part Number:IN P/N	LCX-KH062018

Version Change History

Version Change History

EditionRev	Before Change	After Change	Change Date	Ratify Approved By
A/0	New issue	-----	2021/10/20	Gao Yinghong

Bill Of Material

Bill of material

Order number	Name of material	Internal Part Number	Material Specifications	Unit	Dosage	Remarks
1	Coil		0.08×10 ⁵ P wire braid	Kg	5.6	
2	Hard magnetic sheet		43.8*5.3*0.8	PCS	1	1 internal hole, 2 slots
3	Back-attached adhesive		43.*5.0*0.03	PCS	1	With tear-away section
4	High-temperature tape		8MM	PCS	1	
		Blank below				

Product Specification SPECIFICATION								Version A/0	Produced by: Liu Fa-nxin October 20,2021	Reviewed by: Gao Yinghong 2021/10/20				
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A	B	C	D	E	F	H	H1	H2	---	---	---	---	---	---
14 ±0.5	40 ±0.5	5.2 ±0.2	43.8 ±0.5	3 ±1	15 ±2	2.2 ±0.2	1.1 ±0.1	0.8 ±0.05	---	---	---	---	---	---

I. Dimensions: (mm) Coil winding die: Ø14; Single coil weight: 5.6

Figure 1: Coil
图一、线圈

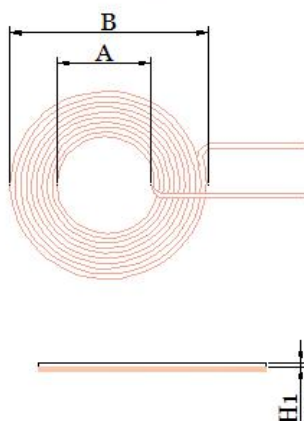


Figure 2: Hard Magnetic Disc
图二、硬磁片

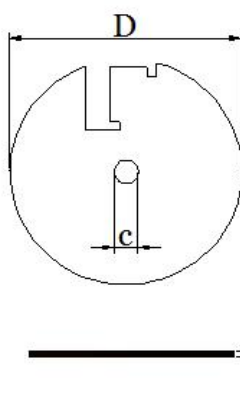
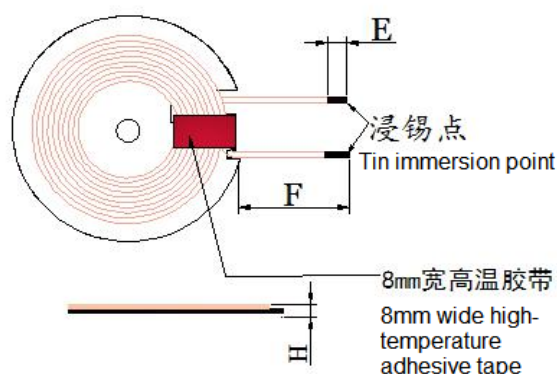


Figure 3: Combination of Coil and Magnetic Plate
图三、线圈与磁片组合



Note: 1. Wind the coil according to Figure 1, with crossed output leads.

- The specifications of the magnetic sheet are shown in Figure 2; the back side of the magnetic sheet is coated with standard double-sided adhesive tape (43*5.2*0.05) featuring a tear-off area.
- Figure 3 shows a comparison of the coil and the magnetic sheet; the middle section features an 8 mm wide high-temperature adhesive tape, with the deviation from the centerline being ≤ 1 mm.

II. Schematic Diagram:



III. Winding Specifications:

Order number NO	Terminal		Wire diameter	Wire decomposition temperature	Number of turnsTurns	Winding Direction
L1	S	F	Silk thread: 0.08*105P	180–250 degrees	12TS	Anticlockwise

IV. Electrical Characteristics:

Temperature: 25±10°C; Relative Humidity: 65±20%

Order number NO	Disk material	Inductance value LS	Impedance DCR	Test condition TEST FREQUENCY	Measuring and test instruments TEST EQUIPMENTS
L1	No magnetic strip	3.8 $\mu\text{H} \pm 10\%$ (single coil)	40m Ω Max	100KHz/1.0V	U2832
L2	With magnetic strip	6.5 $\mu\text{H} \pm 10\%$ (with magnetic laminations)	40m Ω Max	100KHz/1.0V	U2832

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V. Packing Method:

1. The packaging shall be in a 50-cell foam box, as shown in the figure.
2. 6 products are placed per compartment, and each box contains $6 \times 50 = 300$ pieces.
3. Two boxes of products are placed in the outer carton, with each box containing $2 \times 300 = 600$ pieces.

