



# 承 认 书

## SPECIFICATION FOR APPROVAL

客 户:

CUSTOMER:

ATANS Technology Inc (KH024)

客 户 料 号:

CUST P/N:

内 部 料 号 :

LCX P/N:

LCX-KH024TX105

产 品 型 号:

DESC:

Ø20.5\*40-0.07\*100P-12TS-30-43.52LOC-BJ

日 期:

DATE:

2024/8/5

版 本:

Version:

A.0

制作 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY	客户承认 CUSTOMER APPROVE
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产品规格书 <u>SPECIFICATION</u>		version A/0		
Drawing No: LCX-GCQP001211		2/4	customer code:CUST	KH024
Specification and model	Ø20.5*40-0.07*100P-12TS-30-43.52LOC-BJ	Customer part number: CUST P/N		
		Internal part number	IN P/N	LCX-KH024TX105

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版本变更履历

Version Change History

版本 Rev	变 更 前 Before Change	变 更 后 After Change	更 改 日 期 Change Date	批 准 Approved By
A/0	新发行 new issue	-----	2024/08/5	高应洪 Yinghong Gao

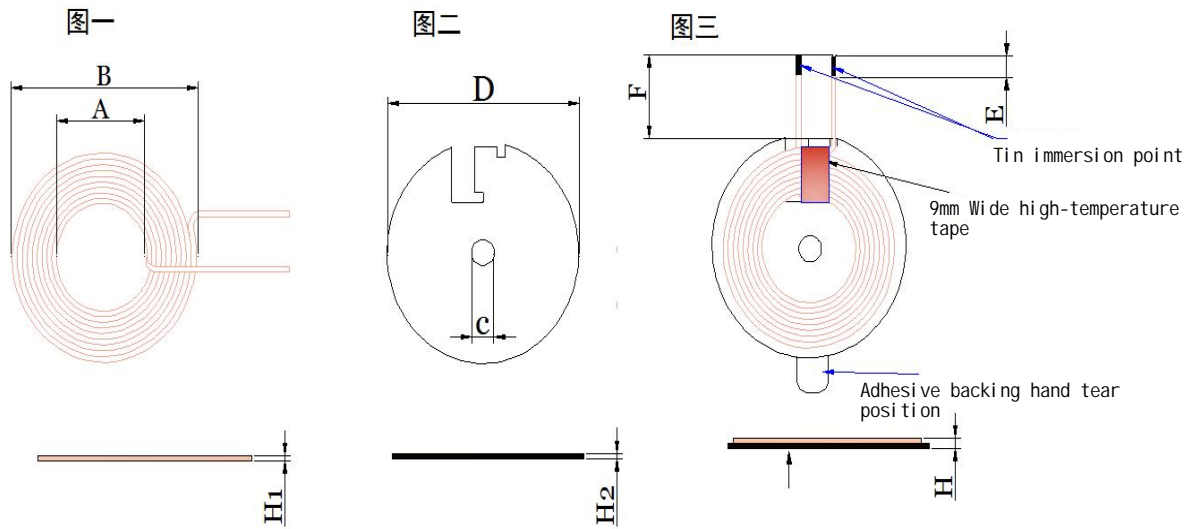
物料清单

Bill of material

Serial Number	Material name	Internal part number	material specification	unit	usage	notes
1	coil		silk covered wire0.07*100	克	4.12	
2	Hard magnetic disk		43.2*5.3*0.8	PCS	1	
3	Double sided adhesive tape		39*5.5*0.05	PCS	1	Tear off with hands
4	High temperature adhesive tape		5*15*0.03	PCS	1	

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									Internal part number	IN P/N	LCX-KH024TX105	
A	B	C	D	E	F	H	H1	H2	---	---	---	---
14 ±0.5	36-38	5.3 ±0.3	40 ±0.8	3 ±1	30 ±2	2.2 ±0.2	1.1 ±0.15	0.8 ±0.1	---	---	---	---

一、尺寸 DIMENSION:(mm) 绕线模具：20.5 线圈单重：4.12Winding mold: 20.5 Coil weight: 4.12



notes:

1. The coil is wound as shown in Figure 1, and the structure should meet the size requirements, without loose or loose wires. Wrap 5mm wide high-temperature tape between the two leads.
2. Figure 2: Hard magnetic sheet, specifications: 43.5 \* 5.3 \* 0.8
3. The coil is glued in the center and attached to the magnetic sheet as shown in Figure 3, with the lead wire inserted into the slot
4. 42.5 \* 5.5 \* 0.05 ordinary double-sided tape is pasted on the back of the magnetic sheet, and the release paper tape is hand torn

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

序号 NO	端子 TERMINAL		线径 WIRE	线材分解温度 Temperature	圈数 Turns	绕线方向 Winding Direction
L1	S	F	Wrapped wire 0.07 * 100	180-250 linear measure	10TS	anti clockwi se

四、电气特性 ELECTRICAL CHARACTERISTIC: :

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

序号 NO	磁片材质 Disk material	电感量 LS	阻抗 DCR	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
L1		3.8uH±10% (single-coil )	50mΩ ±10%	100KHz/1.0V	U2832
L2	Hard magnetic disk	6.3uH±5% (Adhesive magnetic sheet)	50mΩ ±10%	100KHz/1.0V	U2832

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五、包装方式 Packing way: 1. 泡棉盒包装 Foam box packagi ng				