



Shenzhen Licheng Xing Technology Co., LTD

acknowledgement

SPECIFICATION FOR APPROVAL

客 戶:	
CUSTOMER:	Smart Frequency Technology Inc
客 戶 料 號:	
CUST P/N:	1.007.00248
內 部 料 號 :	
LCX P/N:	LCX-KH226TX013
產 品 型 號:	Ø16.5*39-0.08*105P-11TS-25-43.52LOC-BMJ1.5
DESC:	
日 期:	2024/4/12
DATE:	
版 本:	
Version:	A.0

制作 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY	客戶承认 CUSTOMER APPROVE
Xiong Gang 2024/4/12	Gao Yinghong 2024/4/12		

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FY-GZ001

产品规格书 <u>SPECIFICATION</u>		edition A/0	manufacture: Xiong Gang 2024/4/12	examine: Gao Yinghong 2024/4/12
Drawing number: LCX-GCQP0001164			Customer code: CUST	KH226
Specification and model	Ø16.5*39-0.08*105P-11TS-25-43.52LOC-BMJ1.5	Customer part number: CUST P/N		1.007.00248
		Internal part number: IN P/N		LCX-KH226TX013

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	New issue	-----	2024/4/12	Gao Yinghong

物料清单

Bill of material

NO	Material name	Internal part number	Material specification	unit	dosage	remark
1	coil		Silk-covered wire0.08*105	g	5.5	
2	Hard disk		43.5*5.3*1.0	PCS	1	
3	Foam back glue		43*5.5*1.5	PCS	1	
4	High-temperature tape		9*15*0.03	PCS	1	

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									Internal part number: IN P/N			LCX-KH226TX013			
A	B	C	D	---	---	---	---	---	---	---	---	---	---	---	
26 ±0.5	51 ±0.5	9.8 ±0.3	8.9 ±0.5	---	---	---	---	---	---	---	---	---	---	---	

一、尺寸 DIMENSION:(mm)

绕线模具: 16.5

线圈单重: 5.5

remark:

1. coil winding as shown in Figure 1, structure according to size requirements, can not be scattered, loose line.

2. Figure 2 Hard magnetic disc, specification: 43.5*5.3*0.8

3. as shown in Figure 3, the coil is glued in the center of the magnetic disc, and the lead is inserted into the slot

4. 43*5.5*1.5 foam double-sided tape is affixed to the back of the magnetic disc, and the release paper tape is torn by hand

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	Silk-covered wire0.08*105	180-250 度	11TS	anticlockwise

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	inductance LS	impedance 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 disk	6.5uH±5% (Fit magnetic disc)	50mΩ ±10%	100KHz/1.0V	U2832