



深圳市立诚兴科技有限公司

Shenzhen Xingke Micro Digital Technology Group Co., Ltd

承 认 书

SPECIFICATION FOR APPROVAL

客 户: 深圳市星科微数码科技集团有限公司 (KH054)
CUSTOMER: Shenzhen Xingke Micro Digital Technology Group Co., Ltd
客 户 料 號: ~~Shenzhen Xingke Micro Digital Technology Group Co., Ltd~~
CUST P/N:
内部 料 號 : A12293
LCX P/N: LCX-KH054TX011
产 品 型 號:
DESC: Ø16*39-0.08*105P-11TS-43-43.52LOC-BJ
日 期: 2023/11/2
DATE:
版 本:
Version: A.0

制作 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY	客户承认 CUSTOMER APPROVE
熊刚 XIONGGANG 2023/ 11/2	高应洪 GAOYINGHONG 2023/ 11/2		

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FY-GZ001

产品规格书 <u>SPECIFICATION</u>		版本 A/0	Make: XIONGGANG 2023/11/2	Auditing: GAOYINGHONG 2023/11/2
图纸编号: LCX-GCQP0001051		页码: 2/4	客户代码: CUST	KH054
规格型号	Ø16*39-0.08*105P- 11TS-43-43.52LOC-BJ	客户料号: CUST P/N		A12293
		内部料号: IN P/N		LCX-KH054TX011

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	-----	2023/ 11/2	GAOYINGHONG

物料清单

Bill of material

序号 Number	物料名称 Material Name	内部料号 Internal part number	物料规格 Material specifications	单位 unit	用量 dosage	备注 Remarks
1	线圈coil		丝包线(silk covered wire)0.08*105	克 gram	4.12	
2	硬磁片Hard magnetic disk		43.5*5.3*0.8	PCS	1	
3	双面背胶Double-sided adhesive backing		42*5.5*0.05	PCS	1	Hand tear position
4	高温胶带High temperature tape		8*15*0.03	PCS	1	

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A	B	C	D	E	F	H	H1	H2	---	---	---	---	---	---
16 ±0.5	40-41	5.3 ±0.3	43.5 ±0.8	43 ±2	3 ±1	2.2 MAX	1.1 ±0.15	0.8 ±0.1	---	---	---	---	---	---

一、尺寸 DIMENSION:(mm)

绕线模具(Wire winding mold): 16.5

线圈单重(Single coil weight): 4.12

图一、线圈
Figure 1、coil

图二、磁片
Figure 2、Magnetic disc

图三、线圈与磁片组合
Figure 3、Combination of coils and magnetic sheets

备注:

1、线圈如图一所示绕线，结构按尺寸要求，不能散线、松线。两引线间包8MM宽高温胶带(The coil is wound as shown in Figure 1, with a structure according to size requirements and cannot be loose or loose. W图二硬磁片，规格：43.5*5.3*0.8rap 8mm wide high-temperature tape between two leads)

2、图二硬磁片，规格：43.5*5.3*0.8 9(Figure 2: Hard magnetic disc, specifications: 43.5 * 5.3 * 0.8)

3、线圈如图三所示点胶居中贴合在磁片, 引线入槽(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、磁片背面贴42*5.5*0.05普通双面胶，离型纸带手撕位(Stick 42 * 5.5 * 0.05 ordinary double-sided adhesive tape on the back of the magnetic disc, and tear off the release paper tape 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	丝包线(silk covered wire)0.08*105	180-250 度	11TS	逆时针 anticlockwise

四、 电气特性 ELECTRICAL CHARACTERISTIC: :

温度 TEMPERATURE:25±10 ℃, 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%(单线圈unicoil)	50m Ω ±10%	100KHz/ 1.0V	U2832
L2	硬磁片	6.3uH±5% (贴合磁片Fit magnetic disc)	50m Ω ±10%	100KHz/ 1.0V	U2832