



产品规格书

PRODUCT SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

Vigo domain

产品名称:

PRODUCT NAME

Apple Watch transmitter coil

物料编码:

PART No.

6142D02946000

产品规格:

PRODUCT SPEC

Inductance: $6.5 \pm 10\% \mu\text{H}$

Shielding spec: $50 \times 5.3 \times 0.65$ with two grooves

Copper wire spec: 2 UEW/155 $0.08 \times 24 \times 2 \times 10\text{T}$ s

Segment Length: 35mm

Double side Type

日期:

DATE

2024年1月24日

January 24, 2024

版本号:

VERSION

REV1.0

版本 Revision	变更内容 Modified Content	责任人 Principle	日期 Date	备注 Note
REV 1.0	首次发布	薛磊	2024-01-24	

制定/PREPARED BY	审核/CHECKED BY	核准/APPROVED BY

客户认可签名及盖章 Authorized signature & company chop		
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附上的是产品规格书, 有任何疑问, 请及时反馈给我们, 谢谢!

Attached is the product specification, if you have any questions, please timely feedback to us, thank you!

公司名称: 深圳市宸兴电子技术有限公司

工厂地址: 深圳市宝安区新安街道大宝路 51 号新柯城科技工业园 1 栋 5 楼

Company name: Shenzhen Chenxing Electronic Technology Co., LTD

Factory address: 5F, Building 1, Xinke City Science and Technology Industrial Park, 51 Dabao Road, Xin 'an Street, Bao 'an District, Shenzhen



产 品 规 格

SPECIFICATION

一、产品尺寸First, product size

	Shielding Outer Diameter Max (A)	25±0.5mm
	Shielding Thickness (B)	2.6±0.2mm
	Shielding Outer Diameter Min (C)	23.7±0.4mm
	Shielding Inner Diameter (D)	21±0.5mm
	Inner Hole Outer Diameter (E)	13.5±0.2mm
	Shielding Cylinder Height (F)	2.3±0.25mm
	Inner Hole Inner Diameter (H)	7.7±0.4mm
	Pin Length (I)	3.0±0.2mm
	Segment Length (J)	244mm±5mm
	Magnet Spec	7.65*2±0.1mm
Adhesive Tape		3M 9448A

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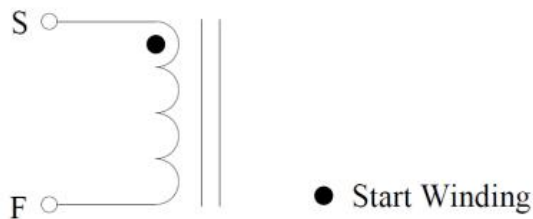
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二、原理图Schematic diagram



三、绕线参数Winding parameter

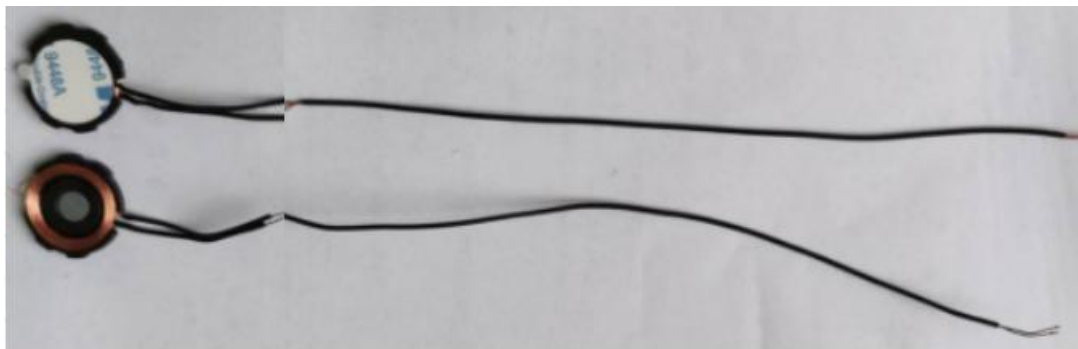
端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
S	F	漆包线 0.08*24P	13Ts	CCW

四、电气特性 electrical characteristics:

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

项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
IND.	S-F	7.7uH±10%	100KHz/1.0V	LCZ METER 1062B

五、产品图片：Product picture



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