



产 品 规 格 书

PRODUCT SPECIFICATION FOR APPROVAL

客 户 名 称: Mingjingtian
CUSTOMER

产 品 名 称: Transmit coil
PRODUCT NAME

物 料 编 码: 1107000097-L21
PART No.

产 品 规 格: Sensitivity specification: $8.1\mu\text{H} \pm 10\%$
PRODUCT SPEC Magnetic specifications: $43.5 * 5.3 * 0.8$ double slot+15 * 0.8small disc
Wire specifications: Enamel wire $0.08 * 80 * 11\text{T}$ s
(inner diameter 21.8mm/outer diameter 39.3mm)
Outgoing line length: 12mm
8mm high-temperature tape/ordinary backing adhesive ($44 * 22$)

日 期: September 24th, 2024
DATE

版 本 型 号: REV1.0
VERSION

版本 Revision	变更内容 Modified Content	责任人 Principle	日期 Date	备注 Note
REV 1.0	First release	Xue Lei	2024-09-24	

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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Attached is the product specification sheet. If you have any questions, please give us feedback in a timely manner. Thank you!

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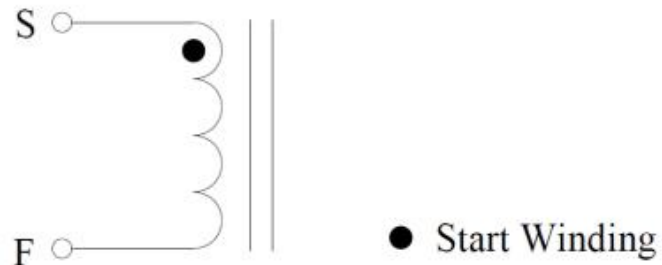
SPECIFICATION

一、产品尺寸/Product size

	Magnetic disc diameter A	43.5±0.3mm
	Outer diameter of coil B	39.3±1mm
	Inner diameter of coil C	21.8±0.5mm
	Product thickness D	<2.3mm
	Length of outgoing line E	11mm±2mm
	Solder length F	3±1mm
	Magnetic disk aperture diameter G	5±0.3mm
	Magnetic thickness	0.8±0.05mm
	Magnetic disk shape	Circular double groove
	Width of high-temperature tape	8mm
	Adhesive thickness	Ordinary double-sided tape (44*22)
	Small magnetic separator	15*0.8



二、原理图/Schematic diagram



三、绕线参数/Winding parameters

端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
S	F	漆包线 0.08*80P	11Ts	CCW

四、电气特性/Electrical characteristics

温度 TEMPERATURE:25±10℃, 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	8.1uH±10%	100KHz/1.0V	LCZ METER 1062B

五、产品实物图/Product physical picture

