



产品规格书

PRODUCT SPECIFICATION FOR APPROVAL

| | |
|-----------------------|---|
| 客户名称: CUSTOMER | |
| 产品名称: PRODUCT NAME | A11 transmitting coil |
| 物料编码: PART No. | |
| 产品规格: PRODUCT SPEC | sensitive quality: 6.5uH±10% Magnetic sheet : 41.5*8*0.8双槽 Wire Spec: 0.08*80*12Ts (13mm内径) Leghth: 30mm Ordinary double-sided tape on the back |
| 日期: DATE | 2023年12月06日 |
| 版本型号: VERSION | REV 1.0 |

| 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 | 2023-12-06 | |
| | | | | |

| 制定/PREPARED BY | 审核/CHECKED BY | 核准/APPROVED BY |
|---|---------------|----------------|
| 李小云 | 周小菊 | 薛磊 |
| 客户认可签名及盖章 Authorized signature & company chop | | |

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 sheet. If you have any questions, please give us feedback in time. Thank you!



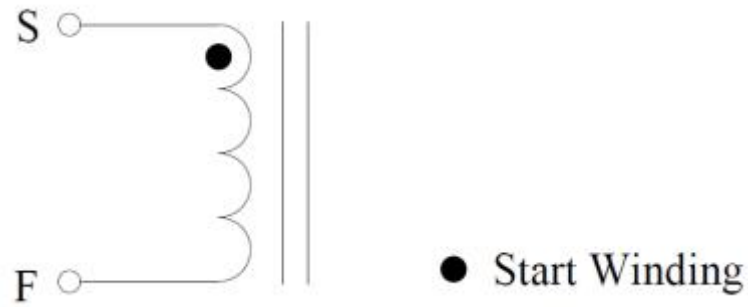
产品规格 SPECIFICATION

一、产品尺寸

| | | |
|---|-----------------------|----------------|
| <p>The drawing shows three views of a circular component. The top view is a cross-section of a coil with dimensions B (outer diameter), C (inner diameter), and G (width). It features a 'Solder Coat' and a 'TAPE' layer. The middle view is a top-down view with dimension A (outer diameter) and shows two leads. The bottom view is a side view with dimension D (thickness) and E (lead length).</p> | A | 41.5mm ± 0.5mm |
| | C | 38 ± 1mm |
| | B | 13 ± 0.5mm |
| | D | < 2.2mm |
| | E | 30mm ± 3mm |
| | F | 3 ± 1mm |
| | thickness | 0.8 ± 0.1mm |
| | shape | 圆形双槽 |
| | PVC outer ring | 无 |
| | heat shrink tubing | 是 |
| | Thickness of Adhesive | 普通双面胶 |
| | high-temperature tape | 6mm |



二、原理图 schematic



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 | 10Ts | CCW |

四、电气特性electrical specification:

1.测试条件 (Test conditions) : 25° C,65%RH@100KHz/1V

1.1 电感量 (Inductance)

1.11 L0A (单独线圈) =3.8uH±20%

1.12 L0A(线圈+磁片)=6.5uH±10%

1.2 Q 值=50MIN

1.3 直流电阻 (DCR) : 60mΩ MAX

1.4 工作温度(Operating Temperature): -25°C~85°C



2.测试仪器(Test instrument): L:创达 1068+1310;DCR:502BC;SIZE:Callipers

| NO | item | materials |
|----|---------------------------|-------------------------|
| 1 | WIRE | ∅ 0.08*80p 2UEW- |
| 2 | FERRITE | 41.5*8*0.8 L型双槽 有孔铁氧体硬磁 |
| 3 | GLUE | 水性白胶 |
| 4 | SOLDER | HQ-996/JS-996 |
| 5 | Tin | 千岛纯锡 |
| 6 | High temperature adhesive | 6MM 高温胶带 |
| 7 | | |
| 8 | | |