

东莞市祥如电子有限公司

承认书

(SPECIFICATION FOR APPROVAL)

| | |
|--------------------------|--------------|
| 客户 (CUSTOMER) | |
| 规格型号 (PART NAME) | XRRH20*10*10 |
| 客户料号 (CUSTOMER PART NO.) | |
| 产品编号 (PART NO.) | |
| 版本 (REVISION) | |
| 日期 (DATA) | 2023年4月8日 |


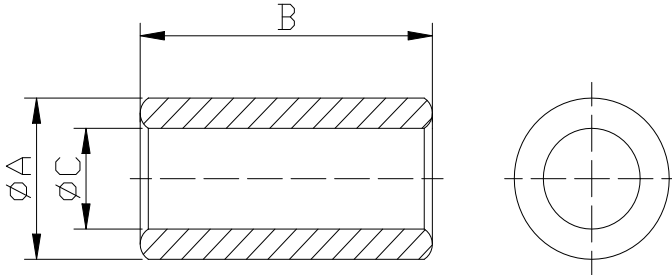
出厂签章:

| | | |
|---------------|--------------|---------------|
| 核准 (APPROVAL) | 审核 (CHECKED) | 承办 (PREPARED) |
| 陈根荣 | 范海军 | 刘 伟 |

客户签章:

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|---------------|--------------|---------------|
| 核准 (APPROVAL) | 审核 (CHECKED) | 承办 (PREPARED) |
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产品规格书 SPECIFICATION FOR APPROVEAL

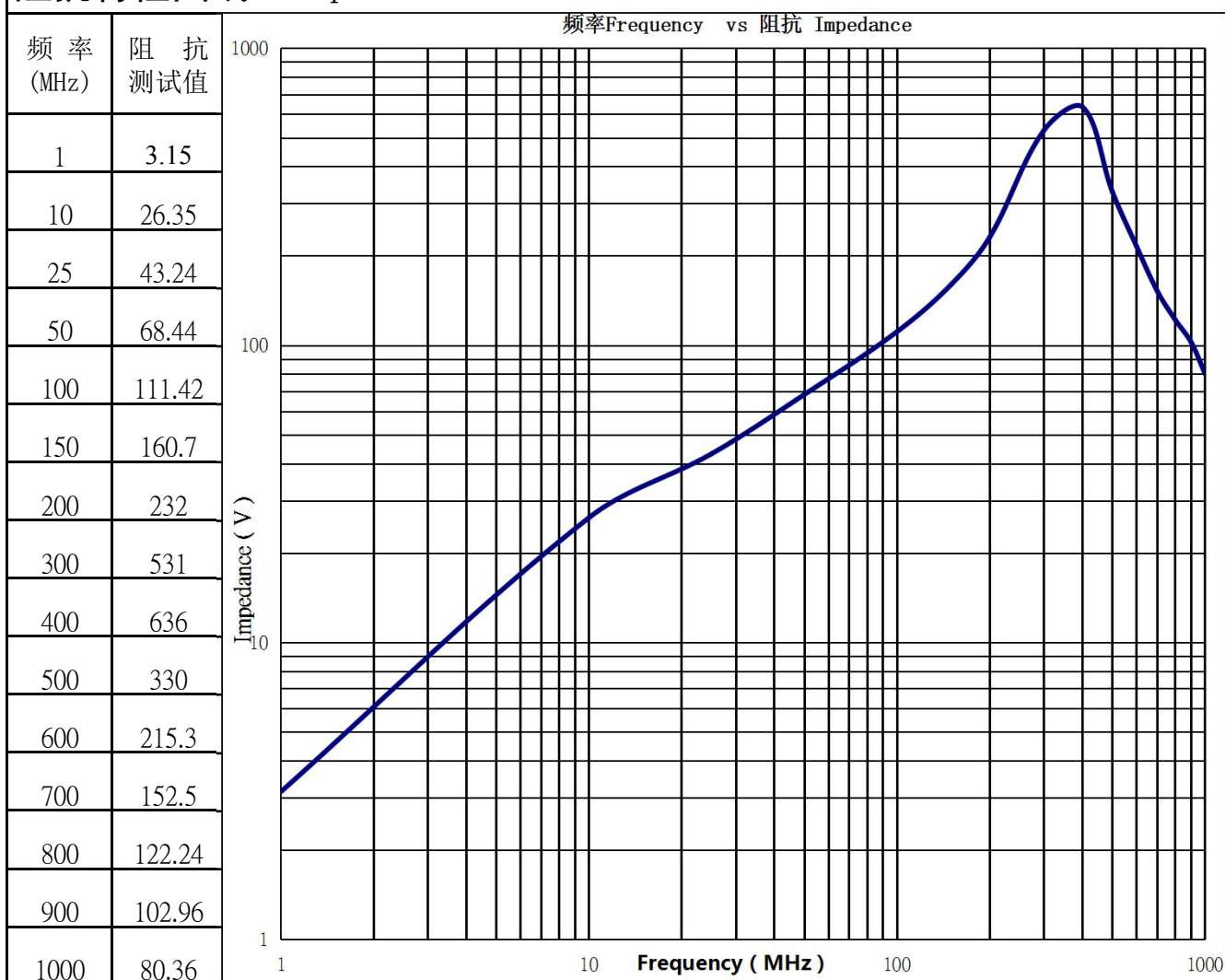
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|------------------------------|----------------|---|---------|--|---------|--------------|--|
| 客户 CUSTOMER | | | | | | | |
| 客户料号 PART NUMBER | |  | | | | | |
| 品名 DESIGNATION | | | | | | 镍锌铁氧体EMI磁环 | |
| 规格 ITEM | | | | | | XRRH20*10*10 | |
| 材质 MATERIAL | | | | | | RF5M (新料配制) | |
| 外形尺寸 DIMENSIONS | | | | | | | |
| A | 20.0±0.40 (外径) |  | | | | | |
| B | 10.0±0.50 (高度) | | | | | | |
| C | 10±0.30 (内孔) | | | | | | |
| D | | | | | | | |
| E | | | | | | | |
| F | | | | | | | |
| H | | | | | | | |
| N | | | | | | | |
| P | | | | | | | |
| W | | | | | | | |
| L1 | | | | | | | |
| L2 | | | | | | | |
| 电气特性 ELECTRIC CHARACTER | | Z1 (Ω) | Z2 (Ω) | L1 (uH) | L2 (uH) | Q | |
| | | 25 MHz | 100 MHz | | | | |
| | | ≥ 30 | ≥ 60 | | | | |
| 测试线圈 WINDING | | 2 UEW Φ0.65×100 mm 1/2Ts | | | | | |
| 测试仪器 TEST INSTRUMENTS | | HP4191A | | | | | |
| 测试环境 TEST CONDITIONS | | 温度/temperature | | 25 °C | | | |
| | | 湿度/humidity | | 75 % | | | |
| 外观标准 APPEARANCE | | 1. 清洁: 外表允许轻微灰尘 | | 4. 裂纹: 允许表面轻微裂纹 | | | |
| | | 2. 毛刺: 允许轻微毛刺存在 | | 5. 掉块: 面积≤1.25mm ² , 数量≤2, 深度≤0.2mm | | | |
| 客户承认 APPROVAL BY CUSTOMER | | 3. 粘模: 允许轻微粘模 | | | | | |
| | | 1. 样品检验合格后请回签此份承认书, 未回签则视为默认。 2. 我司出货检验将以此承认书为标准。 | | | | | |
| 批 准 APPROVED | | 审 核 CHECKED | | 制 定 REPORTED | | | |
| 陈根荣 | | 范海军 | | 刘 伟 | | | |
| | | | | | | | |

| 检测报告 INSPECTION DATA | | | | | | | | | | | |
|-----------------------|--------------------|----------------|--------------|---------------------------------------|---------------------|------------|------------|-------------|--|--|----|
| 日期 DATE | | 2023-4-8 | | | 数量 QUANTITY | | | 10 PCS | | | |
| 客户 CUSTOMER | | | | | | | | | | | |
| 规格 ITEM | | XRRH20*10*10 | | | | | | | | | |
| 材质 MATERIAL | | RF5M (新料配制) | | | | | | | | | |
| 测试线圈 WINDING | | | | 2 UEW $\Phi 0.65 \times 100$ mm 1/2Ts | | | | | | | |
| 测试仪器 TEST INSTRUMENTS | | | | HP4191A 游标卡尺 | | | | | | | |
| 测试环境 TEST CONDITIONS | | | | 温度/temperature | | | | 25 °C | | | |
| | | | | 湿度/humidity | | | | 75 % | | | |
| SPEC | ELECTRIC CHARACTER | | | | DIMENSION (Unit:mm) | | | | | | 外观 |
| | Z1(Ω) | Z2(Ω) | L1(μ H) | Q | A | B | C | | | | |
| | 25 MHz | 100MHz | | | 20 | 10 | 10 | | | | |
| TOL | ≥ 30 | ≥ 60 | | | ± 0.40 | ± 0.50 | ± 0.30 | | | | OK |
| 1 | 43.42 | 111.42 | | | 20.01 | 10.01 | 10.09 | | | | OK |
| 2 | 43.42 | 111.46 | | | 19.94 | 9.80 | 10.04 | | | | OK |
| 3 | 42.81 | 110.68 | | | 19.93 | 9.83 | 10.03 | | | | OK |
| 4 | 43.1 | 111.24 | | | 20.06 | 10.06 | 10.11 | | | | OK |
| 5 | 42.89 | 110.97 | | | 19.96 | 9.86 | 10.05 | | | | OK |
| 6 | 43.46 | 111.42 | | | 20.04 | 10.10 | 10.06 | | | | OK |
| 7 | 43.08 | 110.98 | | | 19.87 | 9.84 | 10.08 | | | | OK |
| 8 | 43.19 | 111.62 | | | 19.92 | 9.96 | 10.08 | | | | OK |
| 9 | 43.28 | 110.89 | | | 20.10 | 10.12 | 10.01 | | | | OK |
| 10 | 43.68 | 111.64 | | | 19.86 | 9.89 | 10.09 | | | | OK |
| X | 43.23 | 111.23 | | | 19.97 | 9.95 | 10.06 | | | | |
| R | | | | | | | | | | | |
| Y/N | Y | Y | | | Y | Y | Y | | | | Y |
| 批准 APPROVED | | | | 审核 CHECKED | | | | 制定 REPORTED | | | |
| 陈根荣 | | | | 范海军 | | | | 刘伟 | | | |
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材质与特性 Material and Impedance

| | | | |
|-------------|--------------|-------------|-----------|
| 客户 CUSTOMER | | 日期 DATE | 2023年4月8日 |
| 规格 ITEM | XRRH20*10*10 | 材质 MATERIAL | RF5M |

阻抗特性曲线 Impedance curve:



材质

| 材料牌号 | 初始导磁率 | 使用频率范围 | 饱和磁通密度 | 剩余磁束密度 | 矫顽力 | 居里温度 | 表面电阻率 | 密度 |
|------|-------|---------|-------------|-------------|-----------|----------|--------------------|------------------------|
| UNIT | μi | MHz | Bs Gauss | Br Gauss | Hc A/m | Tc °C | ρ Ω-cm | d g/cm ³ |
| RF5M | 400 | 0.1~1.0 | 2500 | 1200 | ≤40 | ≥150 | ≥1×10 ⁷ | 4.8 |

陈根荣

范海军

刘伟