

承認書

SPECIFICATION FOR APPROVAL

客户名稱
CUSTOMER

客户料号
CUS. P/N

尺寸
DIMENSION

CFS9-7.5x5.5x5.3x11.5-3.3

編號
SERIAL NO.

NO. CF1025411623

日期
DATE

2024年5月8日

| 出圖 DRAWING | | |
|----------------|---------------|----------------|
| 發行 ISSUE | 復核 CHECKED | 核準 APPROVAL |
| 趙 利勤 | 李 新义 | 王 传军 |
| DATE: 2024/5/8 | | |

| 承認 CUSTOMER APPROVAL |
|-------------------------|
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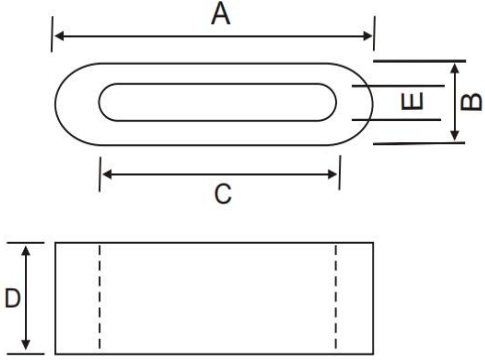
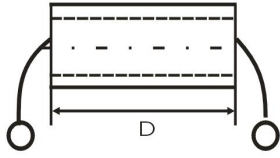



承認書

SPECIFICATION FOR APPROVAL

| | | | |
|---|---------------------------|--|---|
| 規格 ITEM | CFS9-7.5x5.5x5.3x11.5-3.3 | 編號 SERIAL NO. | NO. CF1025411623 |
| 1. 形狀尺寸 (單位mm) ; SHAPE & DIMENSION(unit/mm); | | A | 7.50 ± 0.6 mm |
| | | B | 5.50 ± 0.5 mm |
| | | C | 5.30 ± 0.6 mm |
| | | D | 11.50 ± 0.5 mm |
| | | E | 3.30 ± 0.5 mm |
| | | F | |
| | | G | |
| | | 2. 電器性能檢測項目 ELECTTRONICAL REQUIREMENTS; | |
| <input type="checkbox"/> L | | TEST FREQ | 測試儀器 TESTING INSTRUMENTS |
| <input type="checkbox"/> Q | | TEST FREQ | KHZ MHZ 1. Q-METER: <input type="checkbox"/> HP-4342A <input type="checkbox"/> MQ-172 |
| <input checked="" type="checkbox"/> Z | Z1=25 Ω MIN 25MHZ | KHZ | Z3= KHZ MHZ 2. LCR-METER: <input type="checkbox"/> TH2826 |
| | Z2=60 Ω MIN 100MHZ | KHZ | Z4= KHZ MHZ 3. IMPEDANCE ANALYZER: <input checked="" type="checkbox"/> HP-4191A <input type="checkbox"/> Agilent 16194A <input type="checkbox"/> E4991A |
| 溫度 TEMP | 25±5℃ | 濕度 HUMIDITY | 60±8% |
| 繞線: WINDING | Z: Φ0.5*100L(mm)*0.5TS | | 4. L-METER: <input type="checkbox"/> TH-2775B 5. DIGITAL MINI-OHM METER: VP2941A |
| 3. 外觀 THE LIMIT OF BREAKACE: | | | |
| 項目 Item | | 標準值 Standard Value | |
| 一處缺陷的面积 Area of a breakage | | ≤1mm ² | |
| 总缺陷面积 ALL area of the breakage | | ≤2mm ² | |
| 缺陷深度 The depth of the breakge | | ≤0.4mm | |
| 毛刺长度 The length of burr | | ≤0.2mm | |
| 4. 包裝 PACKAGING: | | | |
| 內包裝采用泡塑盒，外包裝采用紙箱，每箱產品外面都蓋上标签（包括品名、數量、批號、檢驗員）。 Inner packing gdopts foam plastics box,outer packing adopts carton and each carton should have a qualified label outside(include the variey,quantity,batch number and inspector). | | | |

檢 測 數 據

INSPECTION DATA

| 規 格 ITEM | CFS9-7.5x5.5x5.3x11.5-3.3 | | | | | 編 號 SERIAL NO. | NO. CF1025411623 | | | | | | | |
|---|---------------------------------------|-------|-------|-------|-------|-------------------|---|------|--|-------|---|---|---|--|
| 1. 形狀尺寸(单位/毫米): SHAPE & DIMENSION(unit/mm): | | | | | | | <input type="checkbox"/> L | | | | | | | |
|  | | | | | | | <input type="checkbox"/> Q | | | | KHZ MHZ | | | |
| | | | | | | | <input checked="" type="checkbox"/> Z | | Z1=25 Ω MIN KHZ 25MHZ | | Z1= KHZ MHZ | | | |
| | | | | | | | | | Z2=60 Ω MIN KHZ 100MHZ | | Z4= KHZ MHZ | | | |
| | | | | | | | 溫 度 TEMP | | 25±5°C | | 濕 度 HUMIDITY | | 60±8% | |
| | | | | | | | 繞 線: WINDING | | Z: Φ 0.5*100L(mm)*0.5TS | | | | | |
| | | | | | | | | | | | | | | |
| 項 目 ITEM | 电 气 性 能 ELECTRONIC CHARACTERISTICS | | | | | | 尺 寸 DIMENSION(unit:mm) | | | | | | | |
| | Q | L(μH) | Z1(Ω) | Z2(Ω) | Z3(Ω) | Z4(Ω) | A | B | C | D | E | F | | |
| | | | 25 | 60 | | | 7.5 | 5.5 | 5.3 | 11.5 | 3.3 | | | |
| + | | | / | / | | | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | | | |
| - | | | 0 | 0 | | | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | | | |
| 1 | | | 39.0 | 74.4 | | | 7.49 | 5.52 | 5.31 | 11.47 | 3.30 | | | |
| 2 | | | 38.6 | 78.0 | | | 7.47 | 5.51 | 5.32 | 11.52 | 3.30 | | | |
| 3 | | | 53.8 | 76.8 | | | 7.49 | 5.52 | 5.31 | 11.49 | 3.31 | | | |
| 4 | | | 39.5 | 75.6 | | | 7.47 | 5.57 | 5.33 | 11.48 | 3.29 | | | |
| 5 | | | 40.2 | 74.5 | | | 7.46 | 5.50 | 5.29 | 11.50 | 3.31 | | | |
| 6 | | | 36.4 | 76.6 | | | 7.50 | 5.58 | 5.28 | 11.45 | 3.30 | | | |
| 7 | | | 36.5 | 74.6 | | | 7.52 | 5.51 | 5.33 | 11.51 | 3.31 | | | |
| 8 | | | 36.4 | 75.3 | | | 7.49 | 5.53 | 5.33 | 11.49 | 3.30 | | | |
| 9 | | | 39.2 | 77.4 | | | 7.47 | 5.54 | 5.29 | 11.49 | 3.32 | | | |
| 10 | | | 40.6 | 74.4 | | | 7.51 | 5.56 | 5.30 | 11.41 | 3.29 | | | |
| X | | | 40.0 | 75.8 | | | 7.49 | 5.53 | 5.31 | 11.48 | 3.30 | | | |
| Y/N | | | Y | Y | | | Y | Y | Y | Y | Y | | | |
| 2. 測試儀器 TESTING INSTRUMENTS E4991A+16194A | | | | | | | 檢 測 INSPECTION | | 復 核 CHECK | | 確 認 APPROVAL | | | |
| | | | | | | |  | |  | |  | |  | |

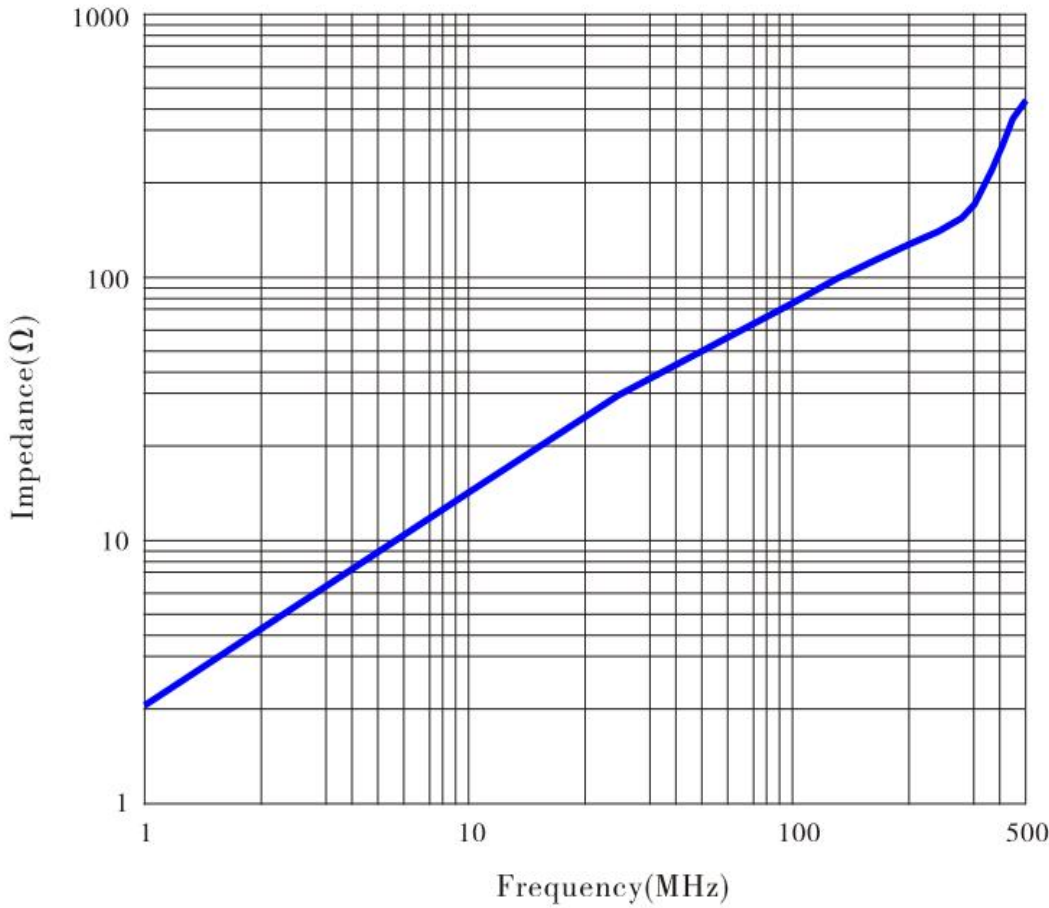
阻抗 - 频率曲线

IMPEDANCE V.S.FREQUENCY (Z-Y)

| | | | |
|------------|---------------------------|------------------|------------------|
| 规格 ITEM | CFS9-7.5x5.5x5.3x11.5-3.3 | 编号 SERIAL NO. | NO. CF1025411623 |
|------------|---------------------------|------------------|------------------|

材质特性：
MATERIAL CHARACTERISTICS

| 材料 牌号 Material | 初始磁 导率 Initial Permeability | 比损耗因子 Relative Loss Factor | 比温度系数 Relative Temperature Coefficient | 饱和磁通密度 Saturation Magnetic Flux Density | 剩磁 Reman- ence | 矫顽力 Coercivi- ty | 居里温度 Curie Tempera- ture | 电阻率 Electric Resistiv- ity | 使用范围 Applied Frequency Range | 密度 Densit- y |
|----------------------|--------------------------------------|---|---|--|----------------------|------------------------|-----------------------------------|-------------------------------------|---------------------------------------|------------------------|
| Unit symbol | μ_i $\pm 20\%$ | $\tan \delta / \mu_i$ $\times 10^{-6}$ | $\alpha \mu_i \gamma$ $\times 10^{-6}$ | Bs (MT) | Br (MT) | HC (A/m) | Tc (°C) | ρ ($\Omega \cdot m$) | F Mhz | d g/cm ³ |
| F9 | 850 | 16(0.1MHz) | 5-10 | 350(1600A/m) | 200 | 20 | >110 | >10 ⁵ | 0.1-1.5 | 4.6 |



| | | | |
|---|------------------|-------------|----------------|
| 测试条件； TESTING CONDITION; | 检测 INSPECTION | 复核 CHECK | 确认 APPROVAL |
| 1. 测试仪器： E4991A+16194A Testing Equipment: | | | |
| 2. 测试频率区间： 1MHZ-500MHZ Testing Frequency Range: | | | |
| 3. 测试绕组： $\Phi 0.5*100L(mm)*0.5TS$ Testing Coil Specification: | | | |