

承認書

SPECIFICATION FOR APPROVAL

客户名稱
CUSTOMER

客户料号
CUS. P/N

尺寸
DIMENSION




CFS9-25x5x21x15-1.5

編號
SERIAL NO.

NO. CF1025411628

日期
DATE

2024年5月8日

| 出圖 DRAWING | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 發行 ISSUE | 復核 CHECKED | 核準 APPROVAL |
|  |  |  |
| DATE: 2024/5/8 | | |

| 承認 CUSTOMER APPROVAL |
|-------------------------|
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东莞市灿峰电子有限公司

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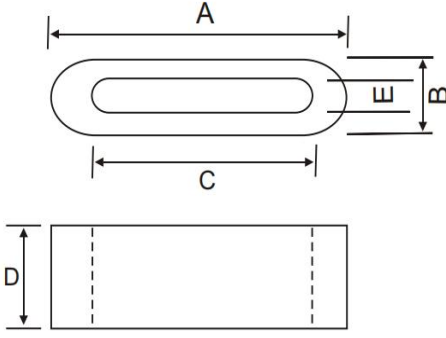
联系方式

王小姐: 13809826886

洪先生: 13809826886

承認書

SPECIFICATION FOR APPROVAL

| | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|------------------|----|
| 規格 ITEM | CFS9-25x5x21x15-1.5 | 編號 SERIAL NO. | NO. CF1025411628 | |
| 1. 形狀尺寸 (單位mm) ; SHAPE & DIMENSION(unit/mm);  | | A | 25.00 ± 0.8 | mm |
| | | B | 5.00 ± 0.5 | mm |
| | | C | 21.00 ± 0.8 | mm |
| | | D | 15.00 ± 0.5 | mm |
| | | E | 1.50 ± 0.5 | mm |
| | | F | | |
| | | G | | |

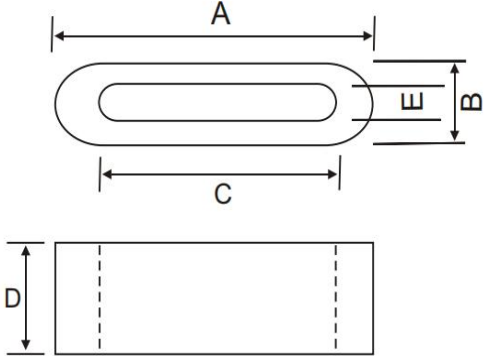
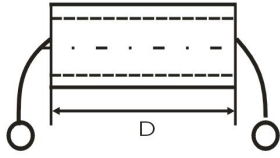



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|--------------------------------------------|------------------------|----------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 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=30 Ω MIN 25MHZ | KHZ | Z3= | KHZ MHZ |
| | Z2=75 Ω MIN 100MHZ | KHZ | Z4= | KHZ MHZ |
| 溫度 TEMP | 25±5℃ | 濕度 HUMIDITY | 60±8% | 2. LCR-METER: <input type="checkbox"/> TH2826 |
| 繞線: WINDING | Z: Φ0.5*100L(mm)*0.5TS | | | 3. IMPEDANCE ANALYZER: <input checked="" type="checkbox"/> HP-4191A <input type="checkbox"/> Agilent 16194A <input type="checkbox"/> E4991A |
| | | | | 4. L-METER: <input type="checkbox"/> TH-2775B |
| | | | | 5. DIGITAL MINI-OHM METER: VP2941A |

| | |
|-----------------------------------|-----------------------|
| 3. 外觀 THE LIMIT OF BREAKAGE: | |
| 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 breakage | ≤0.4mm |
| 毛刺长度 The length of burr | ≤0.2mm |

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| 4. 包裝 PACKAGING: |
| 內包裝採用泡塑盒，外包裝採用紙箱，每箱產品外面都蓋上標籤（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 | CFS9-25x5x21x15-1.5 | | | | | 編 號 SERIAL NO. | NO. CF1025411628 | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------|-------------------------|-------|-----------------|-------------------|--------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|---|
| 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=30 Ω MIN 25MHZ | | KHZ | | Z1= | | KHZ | | MHZ | |
| | | | Z2=75 Ω MIN 100MHZ | | KHZ | | 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 |
| + | | | 30 | 75 | | | 25 | 5 | 21 | 15 | 1.5 | |
| - | | | 0 | 0 | | | 0.8 | 0.5 | 0.8 | 0.5 | 0.5 | |
| 1 | | | 43.1 | 96.8 | | | 24.98 | 5.02 | 21.04 | 14.96 | 1.50 | |
| 2 | | | 42.2 | 96.0 | | | 24.90 | 5.00 | 21.06 | 15.03 | 1.50 | |
| 3 | | | 42.4 | 98.3 | | | 24.95 | 5.02 | 21.02 | 14.98 | 1.50 | |
| 4 | | | 44.7 | 92.3 | | | 24.90 | 5.07 | 21.11 | 14.97 | 1.50 | |
| 5 | | | 42.5 | 97.2 | | | 24.85 | 5.00 | 20.98 | 15.00 | 1.50 | |
| 6 | | | 45.0 | 94.6 | | | 25.00 | 5.07 | 20.94 | 14.94 | 1.50 | |
| 7 | | | 43.3 | 97.1 | | | 25.05 | 5.01 | 21.11 | 15.02 | 1.51 | |
| 8 | | | 45.4 | 97.7 | | | 24.93 | 5.03 | 21.11 | 14.98 | 1.50 | |
| 9 | | | 43.3 | 96.5 | | | 24.97 | 5.04 | 20.98 | 14.98 | 1.51 | |
| 10 | | | 44.8 | 97.0 | | | 25.02 | 5.06 | 21.00 | 14.88 | 1.50 | |
| X | | | 43.7 | 96.3 | | | 24.95 | 5.03 | 21.03 | 14.97 | 1.50 | |
| Y/N | | | Y | Y | | | Y | Y | Y | Y | Y | |
| 2. 測試儀器 TESTING INSTRUMENTS HP 4191A  | | | | | | | 檢 測 INSPECTION | | 復 核 CHECK | | 確 認 APPROVAL | |
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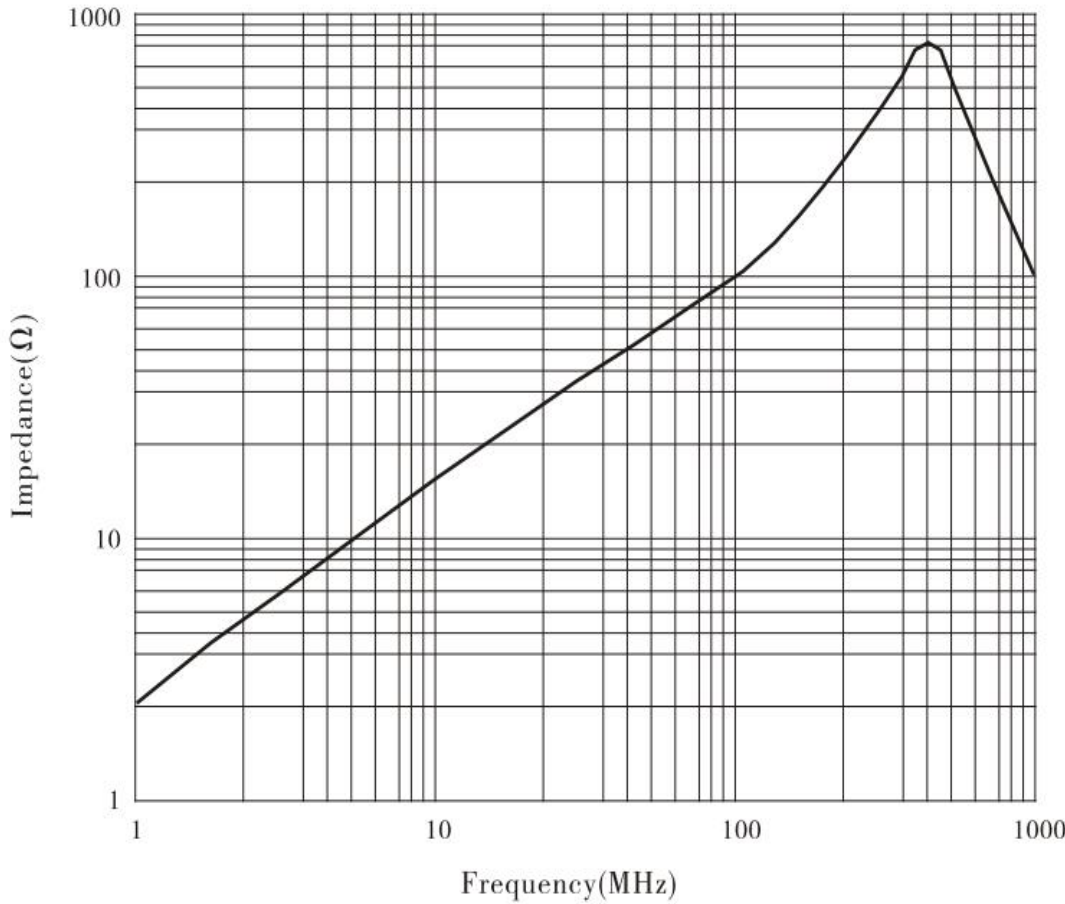
阻抗 - 頻率曲綫

IMPEDANCE V.S.FREQUENCY (Z-Y)

| | | | |
|------------|---------------------|------------------|------------------|
| 規格 ITEM | CFS9-25x5x21x15-1.5 | 編號 SERIAL NO. | NO. CF1025411628 |
|------------|---------------------|------------------|------------------|

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; | 檢 測 INSPECTION | 復 核 CHECK | 确 認 APPROVAL |
| 1. 测试仪器： HP 4191 A Testing Equipment: | | | |
| 2. 测试频率区间： 1MHZ-1000MHZ Testing Frequency Range: | | | |
| 3. 测试绕组： $\Phi 0.5 \times 100L(mm) \times 0.5TS$ Testing Coil Specification: | | | |