

承認書

SPECIFICATION FOR APPROVAL

客戶名稱
CUSTOMER

客戶料號
CUS. P/N

尺寸
DIMENSION




CSR9-80B

編號
SERIAL NO.

NO. CF1025411367

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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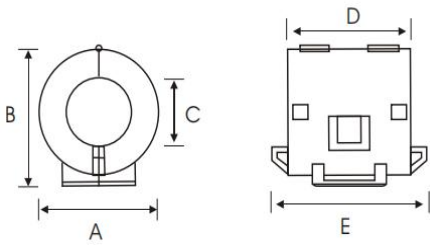
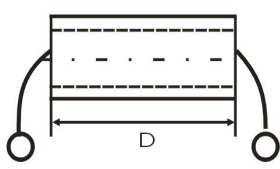



承認書

SPECIFICATION FOR APPROVAL

| | | | | | |
|--|------------------------|----------------|--|--|--|
| 規格 ITEM | CSR9-80B | | 編號 SERIAL NO. | NO. CF1025411367 | |
| 1. 形狀尺寸 (單位mm) ; SHAPE & DIMENSION(unit/mm);  | | | A | 19.50 ± 0.8 | mm |
| | | | B | 23.00 ± 0.8 | mm |
| | | | C | 8.00 ± 0.6 | mm |
| | | | D | 19.50 ± 0.8 | mm |
| | | | E | 26.00 ± 0.8 | 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=50 Ω MIN 25MHZ | KHZ | Z3= | KHZ MHZ | 2. LCR-METER: <input type="checkbox"/> TH2826 |
| | Z2=110 Ω MIN 100MHZ | KHZ | Z4= | KHZ MHZ | 3. IMPEDANCE ANALYZER: <input checked="" type="checkbox"/> HP-4191A <input type="checkbox"/> Agilent 16092A <input type="checkbox"/> TH2826 |
| 溫度 TEMP | 25±5℃ | 濕度 HUMIDITY | 60±8% | | 4. L-METER: <input type="checkbox"/> TH-2775B |
| 繞線: WINDING | Z: Φ0.5*100L(mm)*0.5TS | | | 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 | | |
| 總缺陷面积 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 | CSR9-80B | | | | | 編 號 SERIAL NO. | NO. CF1025411367 | | | | | | | |
|---|---------------------------------------|-------|-------|-------|-------|-------------------|---|-------|--|-------|---|---|---|--|
| 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=50 Ω MIN KHZ 25MHZ | | Z1= KHZ MHZ | | | |
| | | | | | | | | | Z2=110 Ω MIN KHZ 100MHZ | | Z4= KHZ MHZ | | | |
| | | | | | | | 溫 度 TEMP | | 25±5℃ | | 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 | | |
| | | | 50 | 110 | | | 19.5 | 23 | 8 | 19.5 | | | | |
| + | | | / | / | | | 0.8 | 0.8 | 0.6 | 0.8 | | | | |
| - | | | 0 | 0 | | | 0.8 | 0.8 | 0.6 | 0.8 | | | | |
| 1 | | | 60.2 | 120.6 | | | 19.48 | 23.07 | 8.02 | 19.44 | | | | |
| 2 | | | 61.2 | 120.2 | | | 19.42 | 23.02 | 8.02 | 19.54 | | | | |
| 3 | | | 60.3 | 121.6 | | | 19.19 | 23.09 | 8.01 | 19.48 | | | | |
| 4 | | | 60.8 | 120.4 | | | 19.25 | 23.30 | 8.04 | 19.46 | | | | |
| 5 | | | 61.6 | 121.3 | | | 19.21 | 23.00 | 7.99 | 19.50 | | | | |
| 6 | | | 61.4 | 121.4 | | | 19.23 | 23.32 | 7.98 | 19.42 | | | | |
| 7 | | | 60.7 | 121.6 | | | 19.54 | 23.05 | 8.04 | 19.52 | | | | |
| 8 | | | 60.7 | 122.5 | | | 19.25 | 23.12 | 8.04 | 19.48 | | | | |
| 9 | | | 61.2 | 120.5 | | | 19.38 | 23.16 | 7.99 | 19.48 | | | | |
| 10 | | | 61.6 | 120.3 | | | 19.52 | 23.25 | 8.00 | 19.34 | | | | |
| X | | | 61.0 | 121.0 | | | 19.35 | 23.14 | 8.01 | 19.47 | | | | |
| Y/N | | | Y | Y | | | Y | Y | Y | Y | | | | |
| 2. 測試儀器 TESTING INSTRUMENTS HP4191A+16092A | | | | | | | 檢 測 INSPECTION | | 復 核 CHECK | | 確 認 APPROVAL | | | |
| | | | | | | |  | |  | |  | |  | |

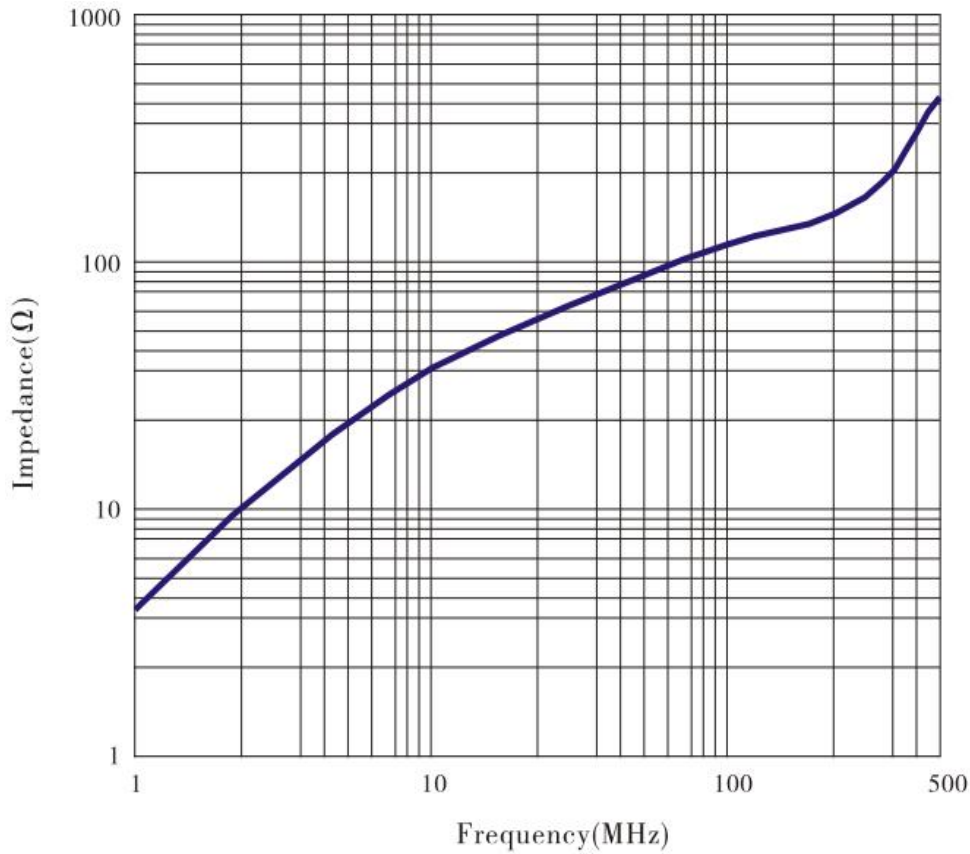
阻抗 - 頻率曲綫

IMPEDANCE V.S.FREQUENCY (Z-Y)

| | | | |
|------------|----------|------------------|------------------|
| 規格 ITEM | CSR9-80B | 編號 SERIAL NO. | NO. CF1025411367 |
|------------|----------|------------------|------------------|

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 | 4.8 |



| | | | |
|---|-------------------|--------------|-----------------|
| 测试条件； TESTING CONDITION; | 檢 測 INSPECTION | 復 核 CHECK | 确 認 APPROVAL |
| 1. 测试仪器： HP 4191 A+16092 A Testing Equipment: | | | |
| 2. 测试频率区间： 1MHZ-500MHZ Testing Frequency Range: | | | |
| 3. 测试绕组： Φ0.5*100L(mm)*0.5TS Testing Coil Specification: | | | |