

# 承認書

## SPECIFICATION FOR APPROVAL




客戶名稱  
CUSTOMER

客戶料號  
CUS. P/N

尺寸  
DIMENSION **CT2-28\*7.5\*16**

編號  
SERIAL NO. **NO.1026132152**

日期  
DATE **2024年5月6日**

| 出圖<br>DRAWING   |   |   |
|---|---|---|
| 發行<br>ISSUE   | 復核<br>CHECKED   | 核準<br>APPROVAL  |
|  |  |  |
| DATE: 2024/5/6  |   |   |

| 承認<br>CUSTOMER APPROVAL |
|-------------------------|
|                         |

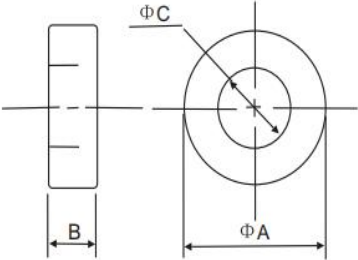


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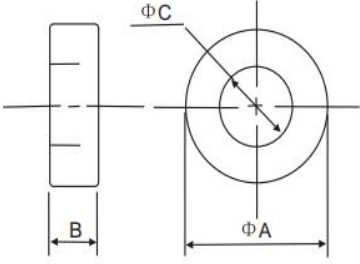
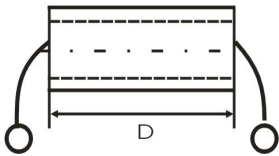



# 承認書

## SPECIFICATION FOR APPROVAL

|   |                         |                |  |  |  |
|---|-------------------------|----------------|--|--|--|
| 規格<br>ITEM  | CT2-28*7.5*16           |                | 編號<br>SERIAL NO.                           | NO.1026132152  |  |
| 1. 形狀尺寸 (單位mm) ;<br>SHAPE & DIMENSION(unit/mm);<br><br>  |                         |                | A  | 28.00 ± 0.7  | mm   |
|   |                         |                | B  | 7.50 ± 0.5   | mm   |
|   |                         |                | C  | 16.00 ± 0.4  | mm   |
|   |                         |                | D  |  |  |
|   |                         |                | E  |  |  |
|   |                         |                | F  |  |  |
|   |                         |                | G  |  |  |
|   |                         |                | 2. 電器性能檢測項目<br>ELECTTRONICAL REQUIREMENTS; |  |  |
| <input type="checkbox"/> L  |                         | TEST<br>FREQ   |  | 測試儀器<br>TESTING INSTRUMENTS  |  |
| <input type="checkbox"/> Q  |                         | TEST<br>FREQ   | KHZ<br>MHZ                                 | 1. Q-METER:<br><input type="checkbox"/> HP-4342A <input type="checkbox"/> MQ-172 |  |
| <input checked="" type="checkbox"/> Z   | Z1=30 Ω MIN<br>25MHZ    | KHZ            | Z3=  | KHZ<br>MHZ   | 2. LCR-METER:<br><input type="checkbox"/> TH2826   |
|   | Z2=60 Ω MIN<br>100MHZ   | KHZ            | Z4=  | KHZ<br>MHZ   | 3. IMPEDANCE ANALYZER:<br><input checked="" type="checkbox"/> HP-4191A <input type="checkbox"/> Agilent 16092A <input type="checkbox"/> TH2826 |
| 溫度<br>TEMP  | 25±5℃                   | 濕度<br>HUMIDITY | 60±8%                                      |  | 4. L-METER:<br><input type="checkbox"/> TH-2775B   |
| 繞線:<br>WINDING  | Z: Φ 0.5*100L(mm)*0.5TS |                |  | 5. DIGITAL MINI-OHM METER:<br>VP2941A  |  |
| 3. 外觀<br>THE LIMIT OF BREAKAGE:   |                         |                |  |  |  |
| 項目<br>Item  |                         |                | 標準值<br>Standard Value                      |  |  |
| 一處缺陷的面积<br>Area of a breakage   |                         |                | ≤ 1mm <sup>2</sup>                         |  |  |
| 总缺陷面积<br>ALL area of the breakage   |                         |                | ≤ 2mm <sup>2</sup>                         |  |  |
| 缺陷深度<br>The depth of the breakage   |                         |                | ≤ 0.4mm                                    |  |  |
| 毛刺长度<br>The length of burr  |                         |                | ≤ 0.2mm                                    |  |  |
| 4. 包裝 PACKAGING:<br><br>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)。<br>Inner packing gdopts foam plastics box, outer packing adopts carton and each carton should have a qualified label<br>outside(include the variey, quantity, batch number and inspector). |                         |                |  |  |  |

# 檢 測 數 據

## INSPECTION DATA

| 規 格<br>ITEM   | CT2-28*7.5*16                         |       |       |       |       | 編 號<br>SERIAL NO. | NO.1026132152   |      |  |   |   |   |   |  |
|---|---------------------------------------|-------|-------|-------|-------|-------------------|---|------|--|---|---|---|---|--|
| 1. 形壯尺寸(单位/毫米):<br>SHAPE & DIMENSION(unit/mm): =                                  |                                       |       |       |       |       |                   | <input type="checkbox"/> L  |      |  |   |   |   |   |  |
|  |                                       |       |       |       |       |                   | <input type="checkbox"/> Q  |      |  |   | KHZ<br>MHZ  |   |   |  |
|   |                                       |       |       |       |       |                   | <input checked="" type="checkbox"/> Z   |      | Z1=30 Ω MIN    KHZ<br>25MHZ  |   | Z1=    KHZ<br>MHZ   |   |   |  |
|   |                                       |       |       |       |       |                   |   |      | Z2=60 Ω MIN    KHZ<br>100MHZ   |   | Z4=    KHZ<br>MHZ   |   |   |  |
|   |                                       |       |       |       |       |                   | 溫 度<br>TEMP   |      | 25±5°C   |   | 濕 度<br>HUMIDITY   |   | 60±8%   |  |
|   |                                       |       |       |       |       |                   | 繞 線:<br>WINDING   |      | Z: Φ 0.5*100L(mm)*0.5TS  |   |   |   |   |  |
|   |                                       |       |       |       |       |                   |   |      |  |   |   |   |   |  |
| 項 目<br>ITEM   | 电 气 性 能<br>ELECTRONIC CHARACTERISTICS |       |       |       |       |                   | 尺 寸<br>DIMENSION(unit:mm)   |      |  |   |   |   |   |  |
|   | Q                                     | L(μH) | Z1(Ω) | Z2(Ω) | Z3(Ω) | Z4(Ω)             | A   | B    | C  | D | E   | F |   |  |
|   |                                       |       | 30    | 60    |       |                   | 28  | 7.5  | 16   |   |   |   |   |  |
| +   |                                       |       | /     | /     |       |                   | 0.7   | 0.5  | 0.4  |   |   |   |   |  |
| -   |                                       |       | 0     | 0     |       |                   | 0.7   | 0.5  | 0.4  |   |   |   |   |  |
| 1   |                                       |       | 50.1  | 91.8  |       |                   | 27.97   | 7.52 | 16.03  |   |   |   |   |  |
| 2   |                                       |       | 49.6  | 89.3  |       |                   | 27.89   | 7.51 | 16.05  |   |   |   |   |  |
| 3   |                                       |       | 50.6  | 92.2  |       |                   | 28.06   | 7.53 | 16.02  |   |   |   |   |  |
| 4   |                                       |       | 50.4  | 94.7  |       |                   | 27.94   | 7.60 | 16.08  |   |   |   |   |  |
| 5   |                                       |       | 48.7  | 96.6  |       |                   | 27.89   | 7.50 | 15.98  |   |   |   |   |  |
| 6   |                                       |       | 52.1  | 101.2 |       |                   | 28.11   | 7.61 | 15.95  |   |   |   |   |  |
| 7   |                                       |       | 51.6  | 92.8  |       |                   | 28.06   | 7.51 | 16.08  |   |   |   |   |  |
| 8   |                                       |       | 50.8  | 91.4  |       |                   | 28.11   | 7.54 | 16.08  |   |   |   |   |  |
| 9   |                                       |       | 51.0  | 93.3  |       |                   | 28.06   | 7.55 | 15.98  |   |   |   |   |  |
| 10  |                                       |       | 52.1  | 101.3 |       |                   | 28.03   | 7.58 | 16.00  |   |   |   |   |  |
| X   |                                       |       | 50.7  | 94.4  |       |                   | 28.01   | 7.54 | 16.03  |   |   |   |   |  |
| Y/N   |                                       |       | Y     | Y     |       |                   | Y   | Y    | Y  |   |   |   |   |  |
| 2. 測試儀器<br>TESTING INSTRUMENTS<br>HP 4191A  |                                       |       |       |       |       |                   | 檢 測<br>INSPECTION   |      | 復 核<br>CHECK   |   | 確 認<br>APPROVAL   |   |   |  |
|   |                                       |       |       |       |       |                   |  |      |  |   |  |   |  |  |

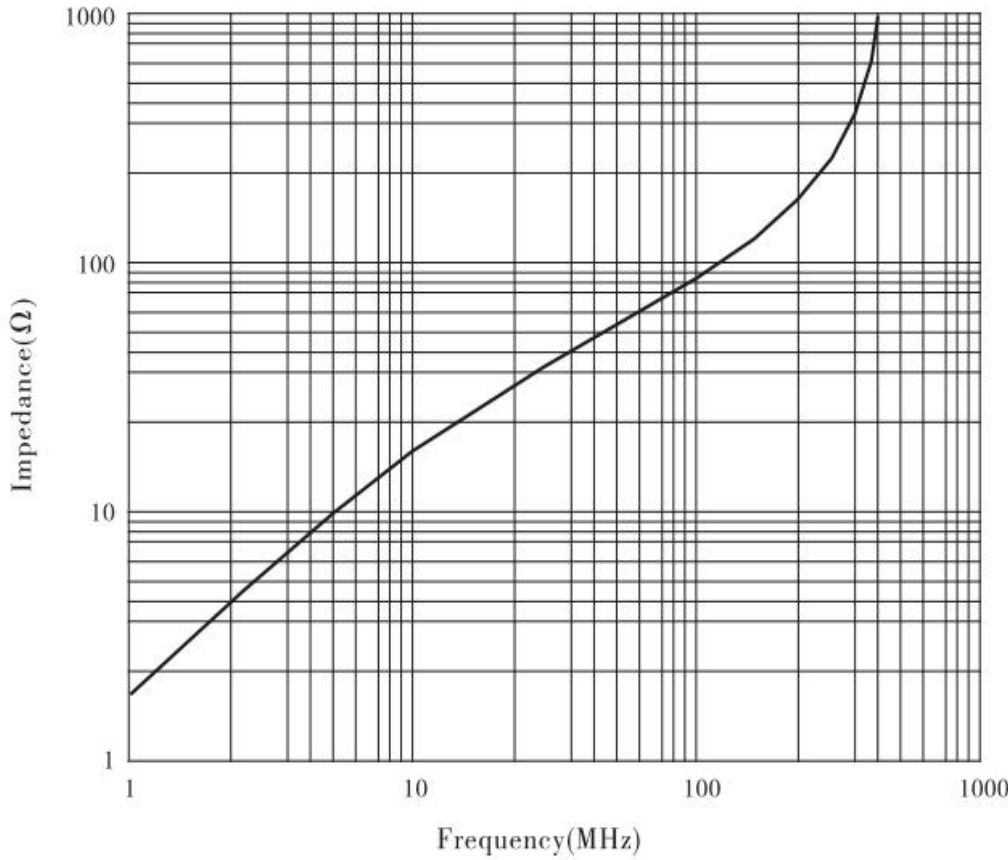
# 阻抗 - 頻率曲綫

IMPEDANCE V.S.FREQUENCY ( Z-Y )

|            |               |                  |               |
|------------|---------------|------------------|---------------|
| 規格<br>ITEM | CT2-28*7.5*16 | 編號<br>SERIAL NO. | NO.1026132152 |
|------------|---------------|------------------|---------------|

材质特性：  
MATERIAL CHARACTERISTICS

| 材料<br>牌号<br>Material | 初始磁<br>导率<br>Initial<br>Permeability | 比损耗因子<br>Relative<br>Loss Factor          | 比温度系数<br>Relative<br>Temperature<br>Coefficient | 饱和磁通密度<br>Saturation<br>Magnetic Flux<br>Density | 剩磁<br>Reman-<br>ence | 矫顽力<br>Coercivi-<br>ty | 居里温度<br>Curie<br>Tempera-<br>ture | 电阻率<br>Electric<br>Resistiv-<br>ity | 使用范围<br>Applied<br>Frequency<br>Range | 密度<br>Density          |
|----------------------|--------------------------------------|---|---|--|----------------------|------------------------|-----------------------------------|-------------------------------------|---------------------------------------|------------------------|
| Unit<br>symbol       | $\mu_i$<br>$\pm 20\%$                | $\tan \delta / \mu_i$<br>$\times 10^{-6}$ | $\alpha \mu_i \gamma$<br>$\times 10^{-6}$       | Bs<br>(MT)                                       | Br<br>(MT)           | HC<br>(A/m)            | Tc<br>(°C)                        | $\rho$<br>( $\Omega \cdot m$ )      | F<br>Mhz                              | d<br>g/cm <sup>3</sup> |
| F2                   | 650                                  | 20(0.1MHz)                                | 2-5   | 330(1600A/m)                                     | 150                  | 35                     | >110                              | >10 <sup>5</sup>                    | 0.1-1.5                               | 5                      |



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