

# 承認書

## SPECIFICATION FOR APPROVAL

客户名稱  
CUSTOMER

客户料号  
CUS. P/N

尺寸  
DIMENSION




**CRH-14.2x28.5x7.2**

編號  
SERIAL NO.

NO.1025657127

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 |
|-------------------------|
|                         |



东莞市灿峰电子有限公司

DONG GUAN CITY CAN FENG ELETRONICS CO., LTD

网址: www.canfengele.com E-mail: canfengdianzi@163.com

联系方式

王小姐: 13556646144

洪先生: 13809826886

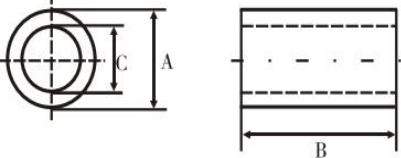
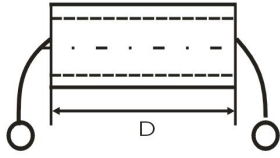


# 承認書

## SPECIFICATION FOR APPROVAL

|   |                        |                |  |  |  |
|---|------------------------|----------------|--|--|--|
| 規格<br>ITEM  | CRH-14.2x28.5x7.2      |                | 編號<br>SERIAL NO.                           | NO.1025657127  |  |
| 1. 形狀尺寸 (單位mm) ;<br>SHAPE & DIMENSION(unit/mm);<br><br>  |                        |                | A  | 14.20 ± 0.5  | mm   |
|   |                        |                | B  | 28.50 ± 0.7  | mm   |
|   |                        |                | C  | 7.20 ± 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=90 Ω MIN<br>25MHZ   | KHZ            | Z3=  | KHZ<br>MHZ   | 2. LCR-METER:<br><input type="checkbox"/> TH2826   |
|   | Z2=180 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: Φ0.5*100L(mm)*0.5TS |                |  | 5. DIGITAL MINI-OHM METER:<br>VP2941A  |  |
| 3. 外觀<br>THE LIMIT OF BREAKACE:   |                        |                |  |  |  |
| 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 breakge  |                        |                | ≤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   | CRH-14.2x28.5x7.2                     |       |       |       |       | 編 號<br>SERIAL NO. | NO.1025657127   |       |  |   |   |   |
|---|---------------------------------------|-------|-------|-------|-------|-------------------|---|-------|--|---|---|---|
| 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=90 Ω MIN    KHZ<br>25MHZ  |   | Z1=    KHZ<br>MHZ   |   |
|   |                                       |       |       |       |       |                   | Z2=180 Ω MIN    KHZ<br>100MHZ   |       | Z4=    KHZ<br>MHZ  |   |   |   |
| 溫度<br>TEMP  |                                       |       |       |       |       |                   | 25±5°C  |       | 濕 度<br>HUMIDITY  |   | 60±8%   |   |
| 繞 线:<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 |
|   |                                       |       | 90    | 180   |       |                   | 14.2  | 28.5  | 7.2  |   |   |   |
| +   |                                       |       | /     | /     |       |                   | 0.5   | 0.7   | 0.4  |   |   |   |
| -   |                                       |       | 0     | 0     |       |                   | 0.5   | 0.7   | 0.4  |   |   |   |
| 1   |                                       |       | 127.8 | 219.6 |       |                   | 14.19   | 28.59 | 7.21   |   |   |   |
| 2   |                                       |       | 128.1 | 211.3 |       |                   | 14.14   | 28.53 | 7.22   |   |   |   |
| 3   |                                       |       | 129.6 | 212.4 |       |                   | 14.23   | 28.61 | 7.21   |   |   |   |
| 4   |                                       |       | 131.6 | 208.8 |       |                   | 14.17   | 28.87 | 7.24   |   |   |   |
| 5   |                                       |       | 134.5 | 199.8 |       |                   | 14.14   | 28.50 | 7.19   |   |   |   |
| 6   |                                       |       | 127.9 | 212.4 |       |                   | 14.26   | 28.90 | 7.18   |   |   |   |
| 7   |                                       |       | 135.6 | 205.2 |       |                   | 14.23   | 28.56 | 7.24   |   |   |   |
| 8   |                                       |       | 138.7 | 221.4 |       |                   | 14.26   | 28.64 | 7.24   |   |   |   |
| 9   |                                       |       | 125.0 | 215.5 |       |                   | 14.23   | 28.70 | 7.19   |   |   |   |
| 10  |                                       |       | 97.2  | 223.8 |       |                   | 14.21   | 28.81 | 7.20   |   |   |   |
| X   |                                       |       | 127.6 | 213.0 |       |                   | 14.21   | 28.67 | 7.21   |   |   |   |
| Y/N   |                                       |       | Y     | Y     |       |                   | Y   | Y     | Y  |   |   |   |
| 2. 測試儀器<br>TESTING INSTRUMENTS<br>HP4191A+16092A                                  |                                       |       |       |       |       |                   | 檢 測<br>INSPECTION   |       | 復 核<br>CHECK   |   | 確 認<br>APPROVAL   |   |
|   |                                       |       |       |       |       |                   |  |       |  |   |  |   |

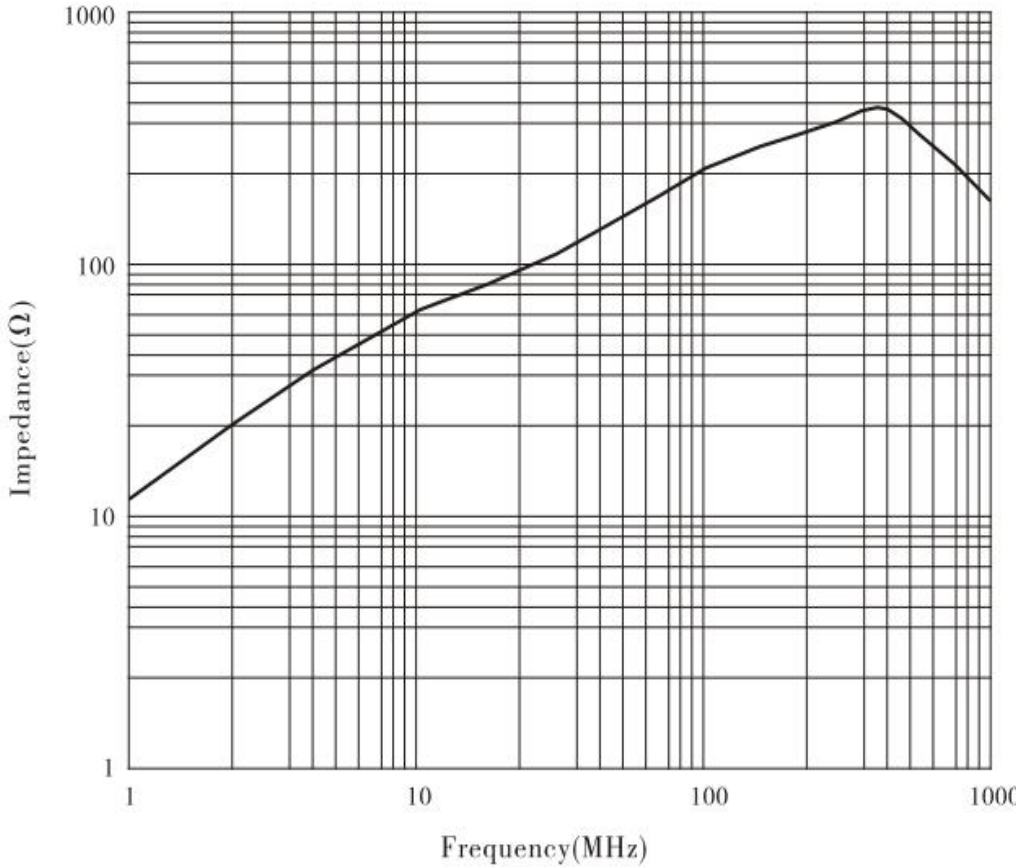
# 阻抗 - 頻率曲綫




IMPEDANCE V.S.FREQUENCY ( Z-Y )

|            |                      |                  |               |
|------------|----------------------|------------------|---------------|
| 規格<br>ITEM | CRH-14. 2x28. 5x7. 2 | 編號<br>SERIAL NO. | NO.1025657127 |
|------------|----------------------|------------------|---------------|

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>Frequenc-<br>y<br>Range | 密度<br>Densit-<br>y     |
|----------------------|--------------------------------------|---|---|--|----------------------|------------------------|-----------------------------------|-------------------------------------|--|------------------------|
| 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> |
| F9                   | 850                                  | 16(0.1MHz)                                | 5-10  | 350(1600A/m)                                     | 200                  | 20                     | >110                              | >10 <sup>5</sup>                    | 0.1-1.5                                    | 4.9                    |



|   |  |   |   |
|---|--|---|---|
| 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 4191 A+16092 A<br>Testing Equipment:            |  |  |  |
| 2. 测试频率区间： 1MHZ-1000MHZ<br>Testing Frequency Range:         |  |   |   |
| 3. 测试绕组： Φ0.5*100L(mm)*0.5TS<br>Testing Coil Specification: |  |   |   |