

# 承認書

## SPECIFICATION FOR APPROVAL

客户名稱  
CUSTOMER

客户料号  
CUS. P/N

尺寸  
DIMENSION

CRH-6x10x3

編號  
SERIAL NO.

NO. CF1025657152

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 |
| 趙<br>利勤        | 李<br>新义       | 王<br>传军        |
| DATE: 2024/5/6 |               |                |

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



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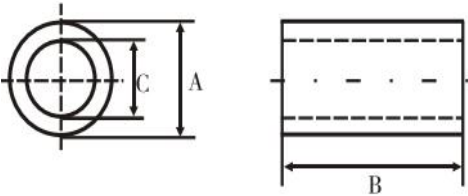
承 認 書

SPECIFICATION FOR APPROVAL

|                                                                                                                                                                                                                                       |                              |                 |                                       |                                                                                                                                                           |                  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--|
| 規 格<br>ITEM                                                                                                                                                                                                                           | CRH-6x10x3                   |                 | 編 號<br>SERIAL NO.                     |                                                                                                                                                           | NO. CF1025657152 |  |
| 1. 形狀尺寸（單位mm）；<br>SHAPE & DIMENSION(unit/mm);<br><br>                                                                                                |                              |                 | A                                     | 6.00 ± 0.3                                                                                                                                                | mm               |  |
|                                                                                                                                                                                                                                       |                              |                 | B                                     | 10.00 ± 0.5                                                                                                                                               | mm               |  |
|                                                                                                                                                                                                                                       |                              |                 | C                                     | 3.00 ± 0.3                                                                                                                                                | 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    KHZ<br>25MHZ  | Z3=             | KHZ<br>MHZ                            | 2. LCR-METER:<br><input type="checkbox"/> TH2826                                                                                                          |                  |  |
|                                                                                                                                                                                                                                       | Z2=60 Ω MIN    KHZ<br>100MHZ | Z4=             | KHZ<br>MHZ                            | 3. IMPEDANCE ANALYZER:<br><input type="checkbox"/> HP-4191A <input checked="" type="checkbox"/> Agilent 16194A <input checked="" type="checkbox"/> E4991A |                  |  |
| 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 观<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 breakge                                                                                                                                                                                                      |                              |                 | ≤0.4mm                                |                                                                                                                                                           |                  |  |
| 毛刺长度<br>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）。<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-6x10x3 |         |         |         |         | 編 號<br>SERIAL NO.                     |       | NO. CF1025657152             |   |                           |   |       |  |
| <div>1. 形壯尺寸(单位/毫米):<br/>SHAPE &amp; DIMENSION(unit:mm): =</div> <div></div> |                                       |            |         |         |         |         | <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℃                        |   | 濕 度<br>HUMIDITY           |   | 60±8% |  |
|                                                                                                                                                               |                                       |            |         |         |         |         | 绕 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( μ H)    | Z1( Ω ) | Z2( Ω ) | Z3( Ω ) | Z4( Ω ) | A                                     | B     | C                            | D | E                         | F |       |  |
|                                                                                                                                                               |                                       |            | 30      | 60      |         |         | 6                                     | 10    | 3                            |   |                           |   |       |  |
| +                                                                                                                                                             |                                       |            | /       | /       |         |         | 0.3                                   | 0.5   | 0.3                          |   |                           |   |       |  |
| —                                                                                                                                                             |                                       |            | 0       | 0       |         |         | 0.3                                   | 0.5   | 0.3                          |   |                           |   |       |  |
| 1                                                                                                                                                             |                                       |            | 45.9    | 93.6    |         |         | 5.99                                  | 10.03 | 3.01                         |   |                           |   |       |  |
| 2                                                                                                                                                             |                                       |            | 45.4    | 99.6    |         |         | 5.98                                  | 10.01 | 3.01                         |   |                           |   |       |  |
| 3                                                                                                                                                             |                                       |            | 45.8    | 98.4    |         |         | 6.01                                  | 10.04 | 3.00                         |   |                           |   |       |  |
| 4                                                                                                                                                             |                                       |            | 44.9    | 95.4    |         |         | 5.99                                  | 10.13 | 3.02                         |   |                           |   |       |  |
| 5                                                                                                                                                             |                                       |            | 45.9    | 97.2    |         |         | 5.98                                  | 10.00 | 3.00                         |   |                           |   |       |  |
| 6                                                                                                                                                             |                                       |            | 44.9    | 91.4    |         |         | 6.02                                  | 10.14 | 2.99                         |   |                           |   |       |  |
| 7                                                                                                                                                             |                                       |            | 45.5    | 97.1    |         |         | 6.01                                  | 10.02 | 3.02                         |   |                           |   |       |  |
| 8                                                                                                                                                             |                                       |            | 46.8    | 97.0    |         |         | 6.02                                  | 10.05 | 3.02                         |   |                           |   |       |  |
| 9                                                                                                                                                             |                                       |            | 46.5    | 98.3    |         |         | 6.01                                  | 10.07 | 3.00                         |   |                           |   |       |  |
| 10                                                                                                                                                            |                                       |            | 45.9    | 100.7   |         |         | 6.01                                  | 10.11 | 3.00                         |   |                           |   |       |  |
| X                                                                                                                                                             |                                       |            | 45.8    | 96.9    |         |         | 6.00                                  | 10.06 | 3.00                         |   |                           |   |       |  |
| Y/N                                                                                                                                                           |                                       |            | Y       | Y       |         |         | Y                                     | Y     | Y                            |   |                           |   |       |  |
| <div>2. 測試儀器<br/>TESTING INSTRUMENTS<br/>E4991A+16194A</div> <div></div>   |                                       |            |         |         |         |         | 檢 測<br>INSPECTION                     |       | 復 核<br>CHECK                 |   | 确 認<br>APPROVAL           |   |       |  |
|                                                                                                                                                               |                                       |            |         |         |         |         | <div>赵<br/>利勤</div>                   |       | <div>李<br/>新义</div>          |   | <div>王<br/>传军</div>       |   |       |  |

阻抗 - 频率曲线

IMPEDANCE V.S.FREQUENCY ( Z-Y )

|                                                                                                     |                                           |                                           |                                                 |                                                  |                       |                        |                                   |                                            |                                           |                        |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------------|--------------------------------------------------|-----------------------|------------------------|-----------------------------------|--------------------------------------------|-------------------------------------------|------------------------|
| 規 格<br>ITEM                                                                                         |                                           | CRH-6x10x3                                |                                                 |                                                  | 編 號<br>SERIAL NO.     |                        | NO. CF1025657152                  |                                            |                                           |                        |
| 材质特性：<br>MATERIAL CHARACTERISTICS                                                                   |                                           |                                           |                                                 |                                                  |                       |                        |                                   |                                            |                                           |                        |
| 材料<br>牌号<br>Mate-<br>rial                                                                           | 初始磁<br>导率<br>Initial<br>Permeab-<br>ility | 比损耗因子<br>Relative<br>Loss Facto           | 比溫度系数<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 | 居里溫度<br>Curie<br>Tempera-<br>ture | 电阻率<br>Electric<br>a-l<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>(℃)                         | $\rho$<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                      |
| <div><div><div>Impedance(<math>\Omega</math>)</div><div></div><div>Frequency(MHz)</div></div></div> |                                           |                                           |                                                 |                                                  |                       |                        |                                   |                                            |                                           |                        |
| 测试条件；<br>TESTING CONDITION;                                                                         |                                           |                                           |                                                 |                                                  | 檢 测<br>INSPECTION     |                        | 復 核<br>CHECK                      |                                            | 确 認<br>APPROVAL                           |                        |
| 1. 测试仪器： E4991A+16194A<br>Testing Equipment:                                                        |                                           |                                           |                                                 |                                                  | <div>赵<br/>利勤</div>   |                        | <div>李<br/>新义</div>               |                                            | <div>王<br/>传军</div>                       |                        |
| 2. 测试频率区间： 1MHZ-500MHZ<br>Testing Frequency Range:                                                  |                                           |                                           |                                                 |                                                  |                       |                        |                                   |                                            |                                           |                        |
| 3. 测试绕组： $\Phi 0.5 \times 100L(mm) \times 0.5TS$<br>Testing Coil Specification:                     |                                           |                                           |                                                 |                                                  |                       |                        |                                   |                                            |                                           |                        |