

# 承認書

## SPECIFICATION FOR APPROVAL

客户名稱  
CUSTOMER

客户料号  
CUS. P/N

尺寸  
DIMENSION

CFN120-200D

編號  
SERIAL NO.

NO. CF1025411325

日期  
DATE

2024年5月8日

| 出圖<br>DRAWING  |               |                |
|----------------|---------------|----------------|
| 發行<br>ISSUE    | 復核<br>CHECKED | 核準<br>APPROVAL |
| 趙<br>利勤        | 李<br>新義       | 王<br>傳軍        |
| DATE: 2024/5/8 |               |                |

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



东莞市灿峰电子有限公司

DONG GUAN CITY CAN FENG ELETRONICS CO., LTD

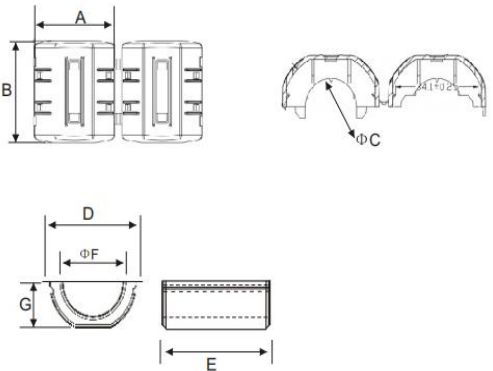
网址: www.canfengele.com E-mail: canfengdianzi@163.com

联系方式

王小姐: 13556646144

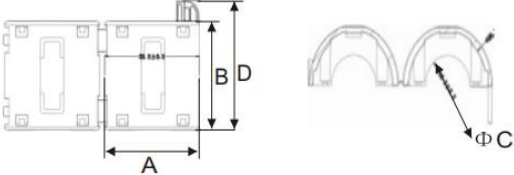
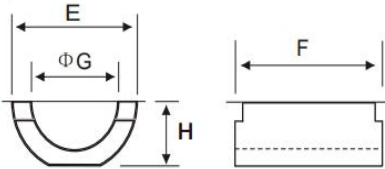
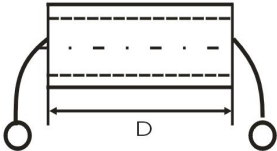
洪先生: 13809826886

承 認 書  
SPECIFICATION FOR APPROVAL

|                                                                                                                                                                                                                                       |                        |                         |            |                                                                                  |                                                                                                                                                |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 規 格<br>ITEM                                                                                                                                                                                                                           | CFN120-200D            |                         |            | 編 號<br>SERIAL NO.                                                                | NO. CF1025411325                                                                                                                               |    |
| 1. 形狀尺寸 (單位mm) ;<br>SHAPE & DIMENSION(unit/mm);<br><br>                                                                                              |                        |                         |            | A                                                                                | 40.20 ± 0.3                                                                                                                                    | mm |
|                                                                                                                                                                                                                                       |                        |                         |            | B                                                                                | 46.50 ± 0.3                                                                                                                                    | mm |
|                                                                                                                                                                                                                                       |                        |                         |            | C                                                                                | 21.50 ± 0.3                                                                                                                                    | mm |
|                                                                                                                                                                                                                                       |                        |                         |            | D                                                                                | 35.00 ± 1.5                                                                                                                                    | mm |
|                                                                                                                                                                                                                                       |                        |                         |            | E                                                                                | 41.00 ± 1.5                                                                                                                                    | mm |
|                                                                                                                                                                                                                                       |                        |                         |            | F                                                                                | 20.00 ± 0.8                                                                                                                                    | mm |
|                                                                                                                                                                                                                                       |                        |                         |            | G                                                                                | 17.80 ± 0.2                                                                                                                                    | mm |
| 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=165 Ω MIN<br>25MHZ  | KHZ                     | Z3=        | KHZ<br>MHZ                                                                       | 2. LCR-METER:<br><input type="checkbox"/> TH2826                                                                                               |    |
|                                                                                                                                                                                                                                       | Z2=270 Ω MIN<br>100MHZ | KHZ                     | Z4=        | KHZ<br>MHZ                                                                       | 3. IMPEDANCE ANALYZER:<br><input type="checkbox"/> HP-4191A <input type="checkbox"/> Agilent 16092A <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 线:<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                                                            |                                                                                                                                                |    |
| 一处缺陷的面积<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                                                                                                                                                                                                                                        | CFN120-200D                           |         |         |         |         | 編 號<br>SERIAL NO. |                                                                                      | NO. CF1025411325 |                                                                                       |  |                                                                                       |  |       |  |
| 1. 形狀尺寸(單位/毫米):<br>SHAPE & DIMENSION(unit:mm):<br><br>外殼尺寸:<br><br><br>磁芯尺寸:<br> |                                       |         |         |         |         |                   | <input type="checkbox"/> L                                                           |                  |                                                                                       |  |                                                                                       |  |       |  |
|                                                                                                                                                                                                                                                    |                                       |         |         |         |         |                   | <input type="checkbox"/> Q                                                           |                  |                                                                                       |  | KHZ<br>MHZ                                                                            |  |       |  |
|                                                                                                                                                                                                                                                    |                                       |         |         |         |         |                   | <input checked="" type="checkbox"/> Z                                                |                  | Z1=165 Ω MIN      KHZ<br>25MHZ                                                        |  | Z1=      KHZ<br>MHZ                                                                   |  |       |  |
|                                                                                                                                                                                                                                                    |                                       |         |         |         |         |                   |                                                                                      |                  | Z2=270 Ω MIN      KHZ<br>100MHZ                                                       |  | Z4=      KHZ<br>MHZ                                                                   |  |       |  |
|                                                                                                                                                                                                                                                    |                                       |         |         |         |         |                   | 溫 度<br>TEMP                                                                          |                  | 25±5℃                                                                                 |  | 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( μ H) | Z1( Ω ) | Z2( Ω ) | Z3( Ω ) | Z4( Ω )           | D                                                                                    | E                | F                                                                                     |  |                                                                                       |  |       |  |
|                                                                                                                                                                                                                                                    |                                       |         | 165     | 270     |         |                   | 35                                                                                   | 41               | 20                                                                                    |  |                                                                                       |  |       |  |
| +                                                                                                                                                                                                                                                  |                                       |         | /       | /       |         |                   | 1.5                                                                                  | 1.5              | 1                                                                                     |  |                                                                                       |  |       |  |
| —                                                                                                                                                                                                                                                  |                                       |         | 0       | 0       |         |                   | 1.5                                                                                  | 1.5              | 1                                                                                     |  |                                                                                       |  |       |  |
| 1                                                                                                                                                                                                                                                  |                                       |         | 189.8   | 270.8   |         |                   | 34.97                                                                                | 41.12            | 20.04                                                                                 |  |                                                                                       |  |       |  |
| 2                                                                                                                                                                                                                                                  |                                       |         | 196.4   | 271.6   |         |                   | 34.86                                                                                | 41.04            | 20.06                                                                                 |  |                                                                                       |  |       |  |
| 3                                                                                                                                                                                                                                                  |                                       |         | 196.0   | 271.4   |         |                   | 34.44                                                                                | 41.16            | 20.02                                                                                 |  |                                                                                       |  |       |  |
| 4                                                                                                                                                                                                                                                  |                                       |         | 195.6   | 272.2   |         |                   | 34.55                                                                                | 41.29            | 20.10                                                                                 |  |                                                                                       |  |       |  |
| 5                                                                                                                                                                                                                                                  |                                       |         | 196.2   | 271.1   |         |                   | 34.48                                                                                | 41.04            | 19.98                                                                                 |  |                                                                                       |  |       |  |
| 6                                                                                                                                                                                                                                                  |                                       |         | 195.9   | 270.0   |         |                   | 34.51                                                                                | 41.33            | 19.94                                                                                 |  |                                                                                       |  |       |  |
| 7                                                                                                                                                                                                                                                  |                                       |         | 196.9   | 271.1   |         |                   | 35.07                                                                                | 40.92            | 20.10                                                                                 |  |                                                                                       |  |       |  |
| 8                                                                                                                                                                                                                                                  |                                       |         | 195.9   | 269.7   |         |                   | 34.55                                                                                | 40.96            | 20.10                                                                                 |  |                                                                                       |  |       |  |
| 9                                                                                                                                                                                                                                                  |                                       |         | 195.1   | 270.3   |         |                   | 34.79                                                                                | 41.12            | 19.98                                                                                 |  |                                                                                       |  |       |  |
| 10                                                                                                                                                                                                                                                 |                                       |         | 196.2   | 270.8   |         |                   | 35.03                                                                                | 41.20            | 20.00                                                                                 |  |                                                                                       |  |       |  |
| X                                                                                                                                                                                                                                                  |                                       |         | 195.4   | 270.9   |         |                   | 34.72                                                                                | 41.12            | 20.03                                                                                 |  |                                                                                       |  |       |  |
| Y/N                                                                                                                                                                                                                                                |                                       |         | Y       | Y       |         |                   | Y                                                                                    | Y                | Y                                                                                     |  |                                                                                       |  |       |  |
| 2. 測試儀器<br>TESTING INSTRUMENTS<br>E4991A+16092A<br>                                                                                                             |                                       |         |         |         |         |                   | 檢 測<br>INSPECTION                                                                    |                  | 復 核<br>CHECK                                                                          |  | 確 認<br>APPROVAL                                                                       |  |       |  |
|                                                                                                                                                                                                                                                    |                                       |         |         |         |         |                   |  |                  |  |  |  |  |       |  |

### IMPEDANCE V.S.FREQUENCY ( Z-Y )

The graph shows the impedance of a 100 pF capacitor as a function of frequency. The y-axis is Impedance ( $\Omega$ ) on a logarithmic scale from 1 to 1000. The x-axis is Frequency (MHz) on a logarithmic scale from 1 to 500. The curve starts at approximately 20  $\Omega$  at 1 MHz and increases linearly on the log-log scale, reaching about 400  $\Omega$  at 100 MHz. It then rises more steeply, peaking at approximately 800  $\Omega$  around 400 MHz, before slightly decreasing.

| Frequency (MHz) | Impedance ( $\Omega$ ) |
|-----------------|------------------------|
| 1               | ~20                    |
| 10              | ~100                   |
| 100             | ~400                   |
| 400             | ~800                   |
| 500             | ~600                   |

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