



产品承认书

(RoHS Compliance)

客戶名稱
Customer

料號

Part No.

圖號

Drawing No.

品名

Part Name

: **XRRH9.5*19*5**

日期

Date

: **10-Jun-23**

貴公司確認

Approved by

Approval 承認

Tentative approval with the following changes 暫時承認, 修改如下

Reject with the following reasons 不承認, 原因如下

Comments 意見

備注 : 樣品如無問題, 煩請貴司承認後盡快將承認書回傳我司!

Remark : Please return a copy of us if approved by your organization.

SPECIFICATION

RoHS Compliant

| | | | |
|-----------|--------------|------------|---------------------|
| CUSTOMER | | SHEET NO. | Page 1 of 5 |
| | | | 2023-11-18 |
| PART NAME | FERRITE CORE | MODEL NAME | |
| PART NO. | | TYPE | XRRH9.5*19*5 |

1. PRODUCT IDENTIFICATION & PICTURE

XRRH 9.5 * 19 * 5

1 2 3 4

Naming Method

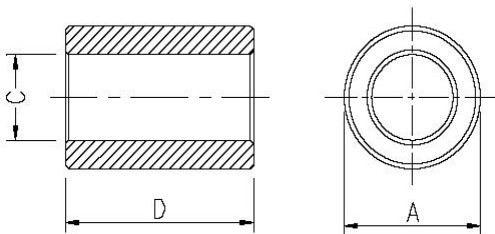
- 1 Type
- 2 External Diameter
- 3 Height
- 4 Internal Diameter



Configurations

Product Picture

2. DIMENSIONS



| Configuration | Dimensions (mm) | |
|---------------|-----------------|------|
| A | 9.50 | ±0.3 |
| B | | |
| C | 5 | ±0.2 |
| D | 19.00 | ±0.5 |
| E | | |
| F | | |
| G | | |
| H | | |
| I | | |
| | | |

3. ELECTRICAL CHARACTERISTICS

| No. | Characteristics | | Testing Conditions |
|-----|-----------------|------------|---|
| | Frequency | Impedance | |
| 1 | 25 MHz | 50 Ω Min. | Equipment : HP 4191A Fixture : Winding : Ø0.65mm 2 UEW L : 120mm 1 Turns |
| 2 | 100 MHz | 120 Ω Min. | |
| | | | |
| | | | |

东莞市祥如电子有限公司

测试

审核

批准

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范进

陈荣斌

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4. LIST OF MATERIALS

| No. | Components | Name of Material | Manufacture of Material | Remarks |
|-----|------------|----------------------|--------------------------------|----------------|
| 1 | Core | Ni-Zn Ferrite (K5B) | Sheng&Ci Electronics (HK) Ltd. | RoHS compliant |

5. RELIABILITY TEST

| No. | Item | Test Conditions | Remarks |
|-----|-----------|--|---|
| 1 | Vibration | Frequency : 10 ~ 55Hz | No evidence of damage (Electrical and Appearance) |
| | | Amplitude : 0.762 mm | |
| | | X-axis, Y-axis, Z-axis : 2 hr, each direc. | |

6. OPERATION CONDITIONS

| No. | Item | Test Conditions | Remarks |
|-----|----------------------------------|-----------------------|--|
| 1 | Operation Temperature | -25 ~ +85°C | If any doubtful results is obtained, conduct the relevant test again at 23 ± 2°C and a relative Humidity of 60 ~ 70% |
| 2 | Storage Temperature | -25 ~ +85°C | |
| 3 | Typical Condition of measurement | Temperature 25 ± 15°C | |
| | | Humidity 45 ~ 85% | |

7. STANDARD PARKAGING CONDITION & Weight

| No. | Material | Quantity | Remarks |
|-----|-----------------------|---------------------|--------------------|
| 1 | Plastic Bag | pieces / packet | |
| 2 | TB Box | packets / TB Box | |
| 3 | Carton Box | pieces / Carton Box | |
| 4 | Weight per piece | gm | Approximate Weight |
| 5 | Weight per carton box | Kg | Approximate Weight |

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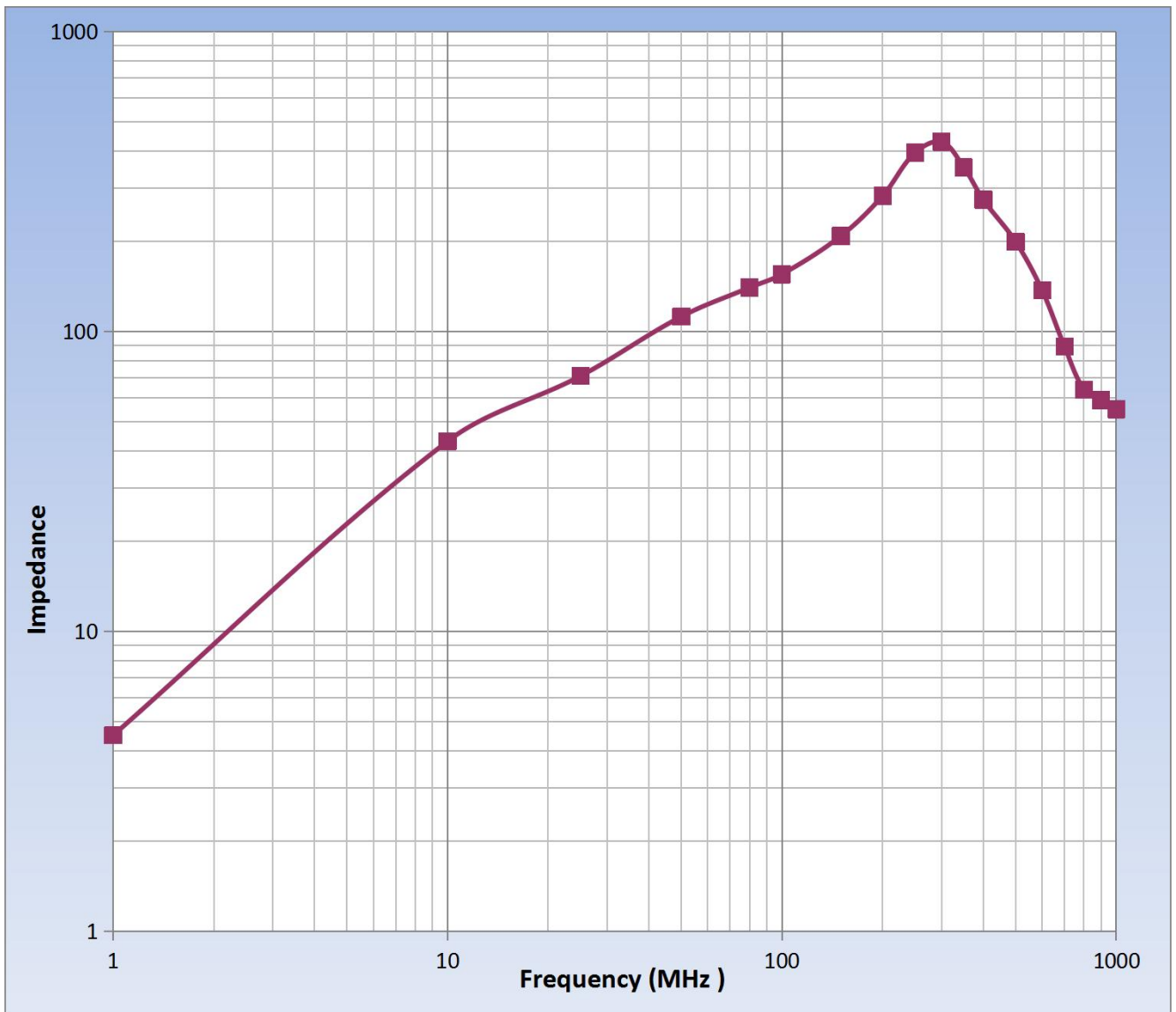
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8. IMPEDANCE Vs FREQUENCY CHARACTERISTICS

| $z(\Omega)$ \ Freq. (MHz) | 1 | 10 | 25 | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|---------------------------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| XRRH9.5*19*5.5 | 4.5 | 43 | 71 | 112 | 140 | 155 | 208 | 283 | 394 | 429 | 352 | 275 | 199 | 137 | 89 | 64 | 59 | 55 |



| | | | |
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9. INSPECTION DATA

Checking Instrument : Agilent E4991A Impedance Analyzer

Test Condition : \varnothing 0.65mm 2 UEW L : 120mm 1Turn

Temperature : 24°C Humidity : 60%

| 1 | Impedance (Ω) | | | Dimensions | | | |
|-----------|------------------------|--------------|-----------|------------|-------------|-----------|--|
| | Conf. | at 25MHZ | at 100MHz | A | C | D | |
| Spec | 50 Ω | 120 Ω | | 9.50 | 5 \pm 0.2 | 19.00 | |
| | Min | Min | | \pm 0.3 | | \pm 0.5 | |
| 1 | 70.0 | 158.0 | | 9.50 | 5.1 | 19.30 | |
| 2 | 71.0 | 155.0 | | 9.38 | 5.15 | 19.28 | |
| 3 | 69.0 | 157.0 | | 9.35 | 5.2 | 19.25 | |
| 4 | 71.0 | 158.0 | | 9.40 | 5.01 | 19.34 | |
| 5 | 70.0 | 159.0 | | 9.37 | 5.11 | 19.35 | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| \bar{X} | 70.20 | 157.40 | | 9.4 | 5.15 | 19.304 | |
| R | 2.0 | 4.0 | | 0.15 | 0.06 | 0.1 | |

Remarks

| | | | |
|-------------|----|----|-----|
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[XRR10*10](#)