



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

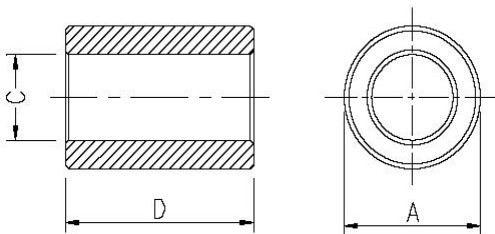
- 1 Type
- 2 External Diameter
- 3 Height
- 4 Internal Diameter



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

李燕

范进

陈荣斌

SPECIFICATION

RoHS Compliant

CUSTOMER		SHEET NO.	Page 2 of 5
		DATE	2023-11-18
PART NAME	FERRITE CORE	MODEL NAME	
PART NO.		TYPE	XRRH9.5*19*5

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

东莞市祥如电子有限公司

测试

审核

批准

李燕

范进

陈荣斌

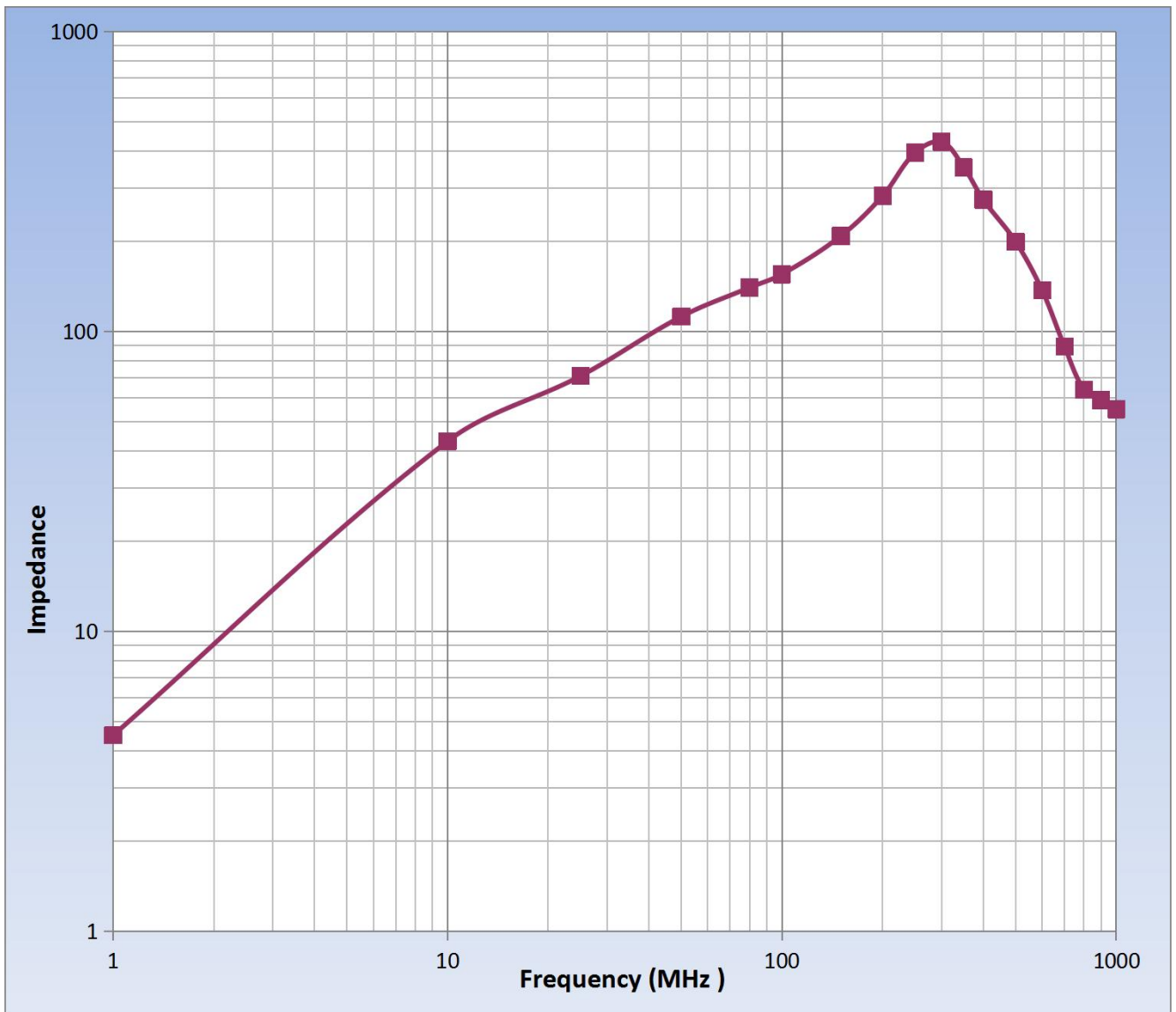
SPECIFICATION

RoHS Compliant

CUSTOMER		SHEET NO.	Page 3 of 5
		DATE	2023-11-18
PART NAME	FERRITE CORE	MODEL NAME	
PART NO.		TYPE	XRRH9.5*19*5

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



东莞市祥如电子有限公司	测试	审核	批准
	李燕	范进	陈荣斌

SPECIFICATION

RoHS Compliant

CUSTOMER		SHEET NO.	Page 4 of 5
		DATE	2023-11-18
PART NAME	FERRITE CORE	MODEL NAME	
PART NO.		TYPE	XRRH9.5*19*5

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

东莞市祥如电子有限公司	测试	审核	批准
	李燕	范进	陈荣斌