



# 样品承认书

( RoHS Compliance )

客戶名稱  
Customer

料號

Part No.

圖號

Drawing No.

品名

Part Name

: **XRRH6\*10\*3**

日期

Date

: **18-Nov-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 4
			2023-11-18
PART NAME	FERRITE CORE	MODEL NAME	
PART NO.		TYPE	<b>XRRH6*10*3</b>

## 1. PRODUCT IDENTIFICATION & PICTURE

XRRH 6 \* 10 \* 3  
1      2      3      4

### Naming Method

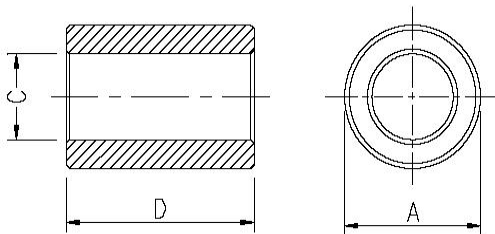
- 1 Type
- 2 External Diameter
- 3 Height
- 4 Internal Diameter



Configurations

Product Picture

## 2. DIMENSIONS



Configuration	Dimensions (mm)	
A	6.00	±0.3
B		
C	3.00	±0.3
D	10.00	±0.3
E		
F		
G		
H		
I		

## 3. ELECTRICAL CHARACTERISTICS

No.	Characteristics		Testing Conditions
	Frequency	Impedance	
1	25 MHz	20 Ω Min.	Equipment : HP 4191A Fixture : Winding : Ø0.65mm 2 UEW L : 120mm 1 Turns
2	100 MHz	50 Ω Min.	

东莞市祥如电子有限公司	DESIGN	CHECK	APPROVAL
	范进	李燕	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 ( F9S )	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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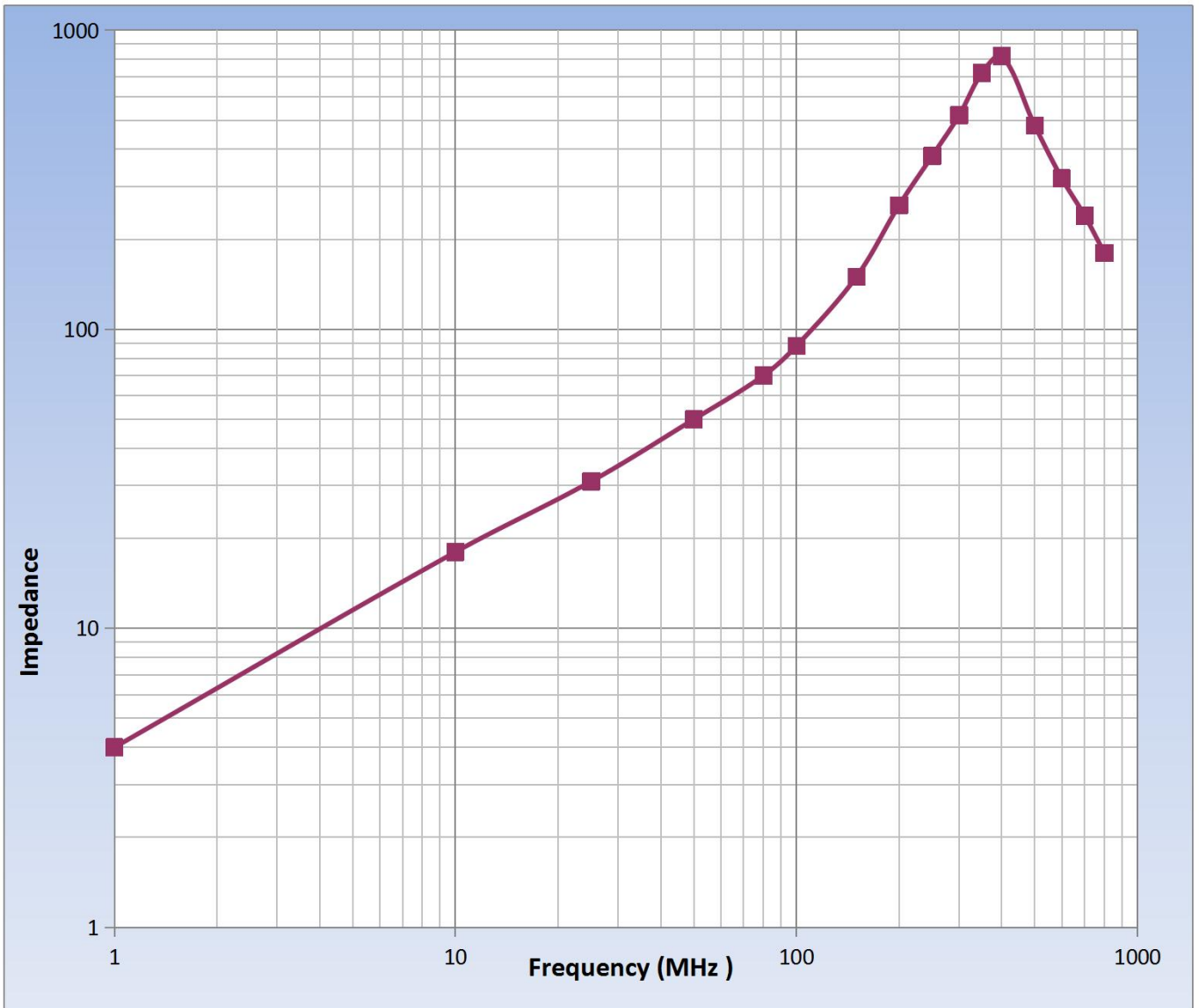
# SPECIFICATION

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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
XRRH6*10*3	4	18	31	50	70	88	150	260	380	520	720	820	480	320	240	180		



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# SPECIFICATION

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## 9. INSPECTION DATA

Checking Instrument : Agilent E4991A Impedance Analyzer

Test Condition : Ø 0.65mm 2 UEW L : 120mm 1Turn

Temperature : 24°C Humidity : 60%

1	Impedance ( $\Omega$ )			Dimensions			
	Conf.	at 25MHZ	at 100MHz	A	C	D	
Spec		20 $\Omega$	50 $\Omega$	6.00	3.00	10.00	
		Min	Min	$\pm 0.3$	$\pm 0.3$	$\pm 0.3$	
1		30.5	85.0	5.95	3.02	10.00	
2		31.0	86.0	5.98	3.05	9.95	
3		30.2	85.8	6.02	3.04	10.04	
4		29.5	86.4	5.97	3.07	10.02	
5		29.9	84.9	6.01	3.03	9.97	
6							
7							
8							
9							
10							
$\bar{X}$		30.22	85.62	5.986	3.042	9.996	
R		1.5	1.5	0.07	0.05	0.09	

Remarks

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[XRRH3.5\\*9.0\\*1.5](#) [XRRH3.5\\*3.5\\*1.5](#) [XRRH3.5\\*5\\*1.5](#) [XRRH3.5\\*2\\*1.8](#) [XRRH3.5\\*3\\*1.5](#) [XRRH4\\*6\\*2](#) [XRRH3.5\\*3\\*1.8](#) [F9-BP RH](#)  
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