



样品承认书

Specification For Approval

客戶名稱

Customer

料號

Part No.

圖號

Drawing No.

品名

Part Name

:XRRH4*6*2

日期

Date

: 2023.8.31

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.

东莞市祥如电子有限公司

地址: 东莞市塘厦镇莲湖第一工业区南二横路36号B栋

SPECIFICATION

RoHS Compliant

CUSTOMER

SHEET NO.

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2023/8/31

PART NAME

FERRITE CORE

MODEL NAME

PART NO.

TYPE

XRRH4*6*2

1. PRODUCT IDENTIFICATION & PICTURE

XRRH 4X6X2

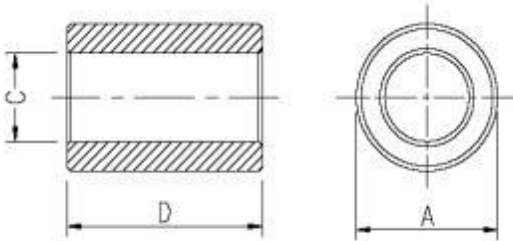
1 2 3 4

Naming Method

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



2. DIMENSIONS



Configuration	Dimensions (mm)	
A	4.00	±0.3
B		
C	2.00	±0.3
D	6.00	±0.4
E		
F		
G		
H		
I		

3. ELECTRICAL CHARACTERISTICS

No.	Characteristics		Testing Conditions
	Frequency	Impedance	
1	25 MHz	25 Ω Min.	Equipment : HP 4191A Fixture : Winding : Ø0.65mm 2 UEW L : 120mm 1 Turns
2	100 MHz	60 Ω Min.	

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PART NAME	FERRITE CORE	MODEL NAME	
PART NO.		TYPE	XRRH4*6*2

4. LIST OF MATERIALS

No.	Component	Name of Material	Manufacture of Material	Remarks
1	Core		HONG & CI Ferrite 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 ~ +125°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 ~ +125°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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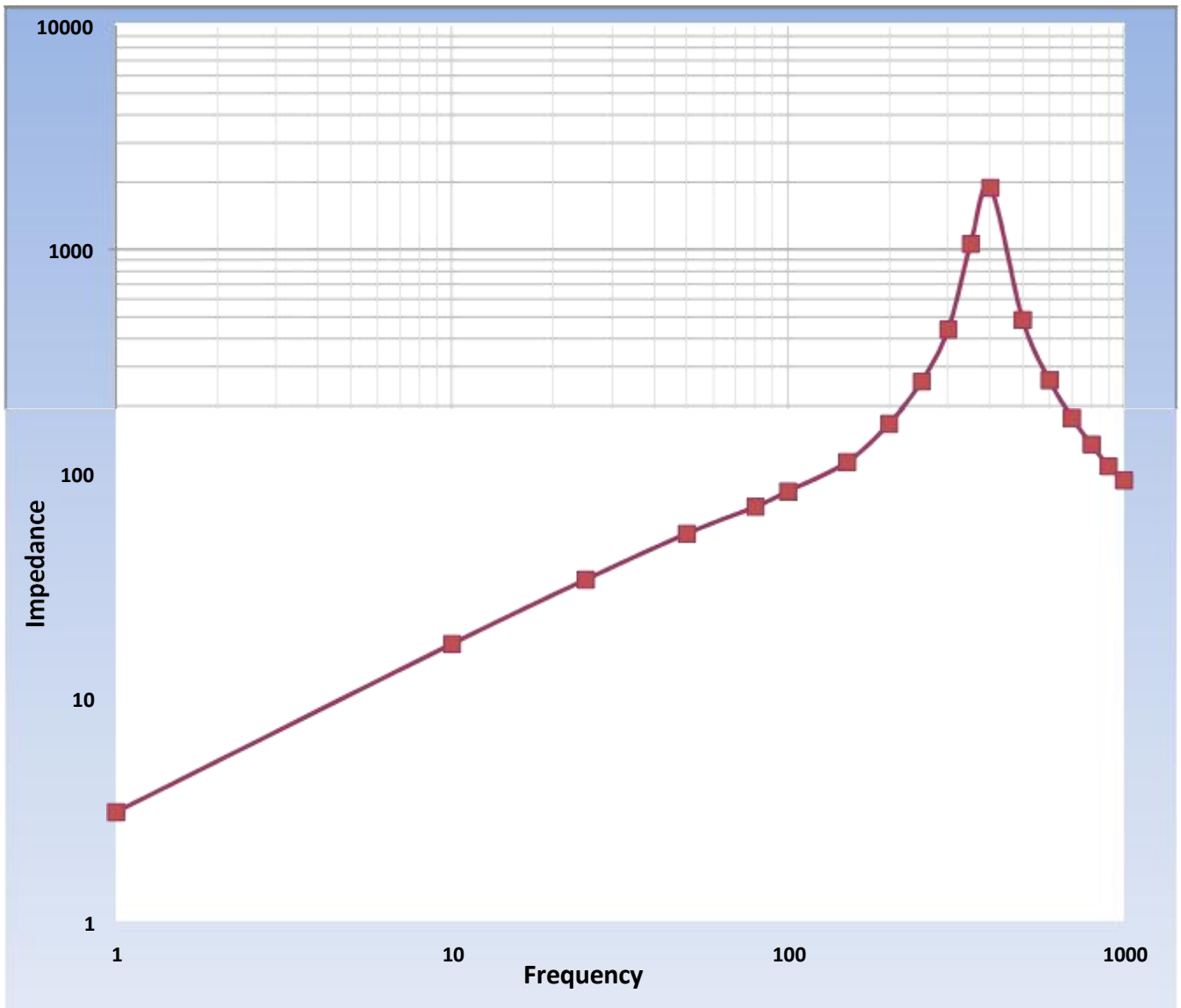
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8. IMPEDANCE Vs FREQUENCY CHARACTERISTICS

$z(\Omega)$ \ Freq. (MHz)	1	10	25	50	80	100	150	200	250	300	350	400	500	600	700	800	900	1000
XRRH4*6*2	3	17	33	53	70	82	111	165	253	434	1051	1880	479	257	175	133	106	92



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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		25 Ω	60 Ω	4.00		2.00	6.00	
		Min	Min	± 0.3		± 0.3	± 0.4	
1		35	81	4.00		2.00	6.02	
2		34	80	3.96		1.98	6.08	
3		35	81	3.98		2.02	6.11	
4		35	81	3.97		2.00	6.05	
5		35	80	3.94		1.99	6.00	
6								
7								
8								
9								
10								
X		35	81	3.97		2.00	6.05	
R		1.0	1.0	0.06		0.04	0.11	

Remarks

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