

APPROVAL SHEETS

承 认 书

Customer (客户名称)

Your Part No. (客户料号)

Description (产品名称) Ferrite Core(抗干扰磁芯)

Product Name (产品型号) V19006

Our Part No. (产品编码)

Our Part No. (产品料号) 6080029059

Date (制作日期) Jun.3.2025

Approved by Customer
客 户 承 认

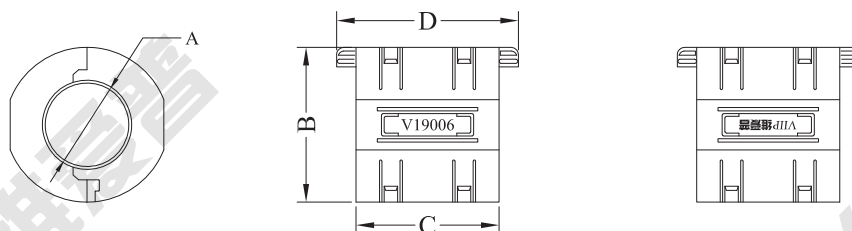
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SPECIFICATION

电源滤波器/EMC抗干扰磁芯/EMC设计整改咨询
EMI FILTER/FERRITE CORE/EMC DESIGN&DEBUG CONSULTING

2. Physical Dimensions (尺寸图):



Item(项目)	Dimension(尺寸)	Tolerance(公差范围)	Unit(单位)
A	30.0	± 1.2	mm
B	55.4	± 0.5	mm
C	51.2	± 0.5	mm
D	65.0	± 0.5	mm

3. Material Characteristics (材质特性):

材料 Mate-rial	初始磁导率 Initial Permeability	损耗因子 Relative Loss Factor	温度系数 Relative Temperature Coefficient	磁饱和密度 Saturation Magnetic Flux Density	剩磁 Reman-ence	矫顽力 Coercivity	居里温度 Curie Tempera-ture	电阻率 Electrical Resistivity	密度 Density
Unit symbol	μ_i $\pm 20\%$	$\tan \delta / \mu_i$ $\times 10^{-6}$	$\alpha \mu_i \gamma$ $\times 10^{-6}$	Bs (MT)	Br (MT)	HC (A/m)	Tc (°C)	ρ ($\Omega \cdot m$)	d g/cm ³
VN09	850	16(0.01MHz)	5-10	350(1600A/m)	200	20	>110	>10 ⁵	4.7

4. Electrical requirements (电气特性): Z1=115 Ω Min at 25 MHz Z2=210 Ω Min at 100 MHz

5. The Limit of Breakage (外观标准)

OD(mm)	0~5	5.1~10	10.1~15	15.1~20	20.1~25	25.1~30	30.1~35	35以上	
缺陷面积 Defect area (mm ²)	≤ 1	≤ 2	≤ 3	≤ 4	≤ 5	≤ 6	≤ 7	≤ 8	
缺陷个数 Number of de fects($\leq$)	1	2	3	3	3	3	2	2	

Drawing By(制图)	Checked By(审核)	Approved By(核准)	Model.(型号)	Unit(单位)	Rev.(版本)
			V19006	mm	Rev.4.0

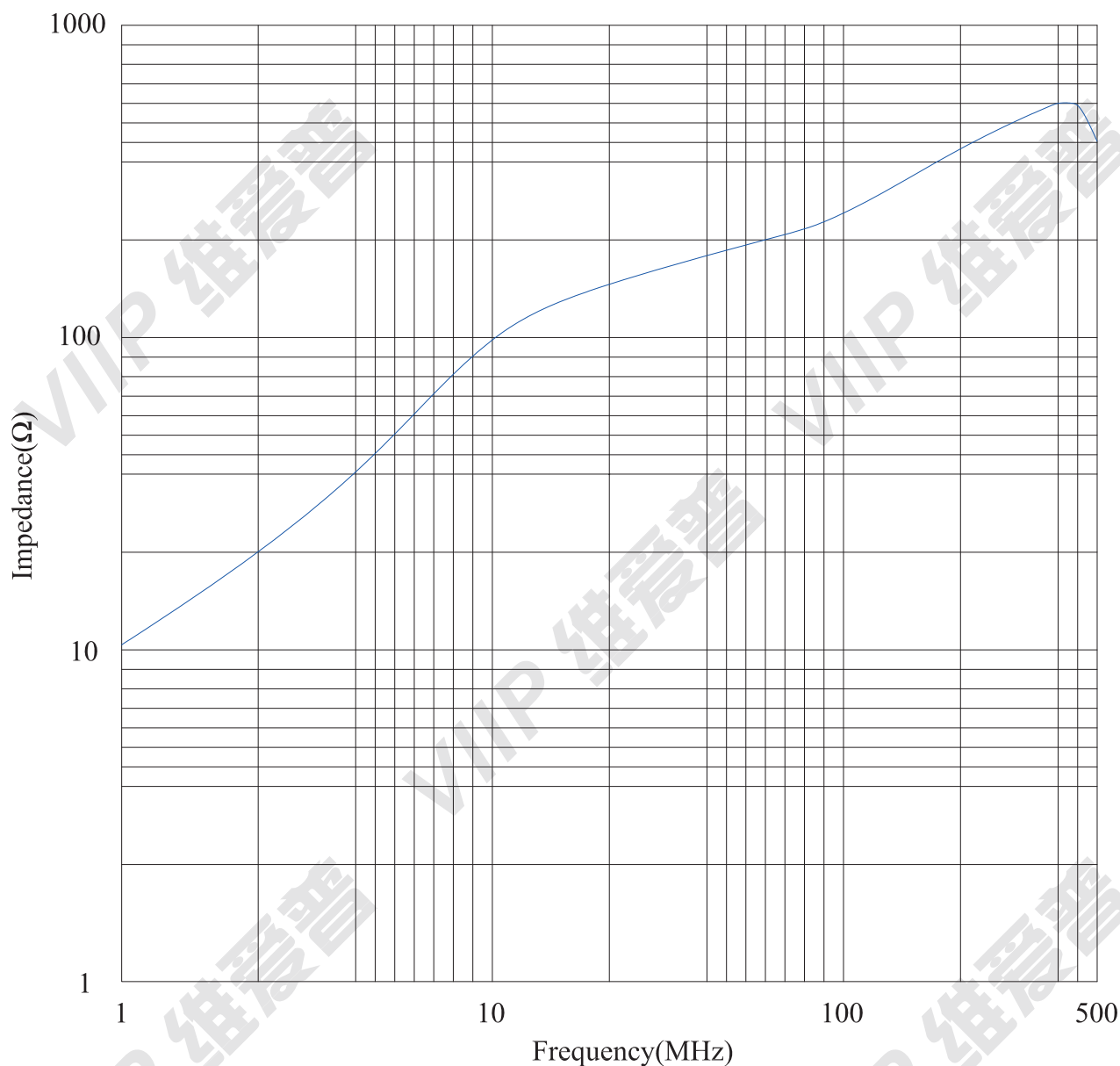
Tel : 0755-29170376

http: www.szviip.com



阻抗-频率测试曲线

Impedance V.S Frequency(Z-Y)



测试条件

- | | |
|----------|---------------------|
| 1.测试仪器 | E4991A |
| 2.测试频率区间 | 1-500MHz |
| 3.测试线组 | Ø0.5x0.5TSx100L(mm) |



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 EMI FILTER/FERRITE CORE/EMC DESIGN&DEBUG CONSULTING

检验数据

型号	V19006	绕组	Ø0.5x0.5TSx100L(mm)	测试频率	Z1= 25 KHz MHz	Z2= 100 KHz MHz	Z3= KHz MHz	Z4= KHz MHz					
项目	电气性能				尺寸(mm)								
	L(uH)	Z1(Ω)	Z2(Ω)	Z3(Ω)	Z4(Ω)	A	B	C	D	E	F	G	H
		115	210			30.0	55.4	51.2	65.0				
+	/	/			1.2	0.5	0.5	0.5					
-	0	0			1.2	0.5	0.5	0.5					
1		153.3	279.8			30.12	55.46	51.27	64.98				
2		154.8	281.7			29.98	55.39	51.25	64.96				
3		154.8	281.7			29.97	55.45	51.29	64.98				
4		153.3	278.9			30.17	55.38	51.31	64.96				
5		151.8	276.1			30.21	55.43	51.26	65.14				
6		150.2	273.3			29.98	55.46	51.29	65.12				
7		154.8	281.7			29.96	55.46	51.32	64.97				
8		156.4	284.5			30.16	55.48	51.29	64.95				
9		103.3	276.1			30.21	55.49	51.26	65.12				
10		151.8	284.5			29.98	55.46	51.27	64.98				
$\bar{X}$		153.8	279.7			30.07	55.44	51.28	65.01				
Y/N		Y	Y			Y	Y	Y	Y				

测试仪器：E4991A

