

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) V18006

Our Part No. (产品编码)

Our Part No. (产品料号) 6080029037

Date (制作日期) Mar.24.2025

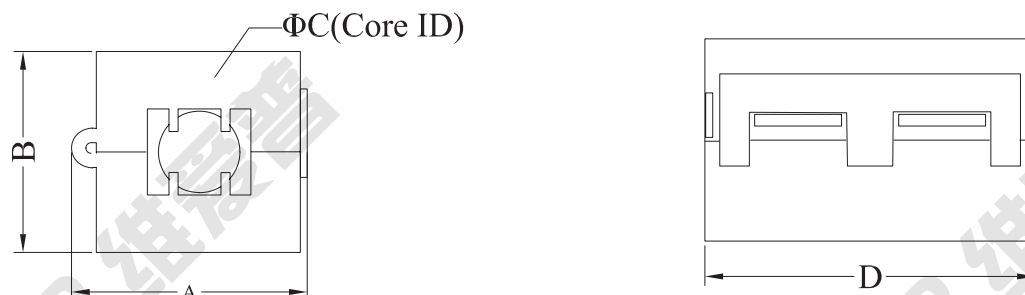
Approved by Customer
客 户 承 认

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SPECIFICATION

2. Physical Dimensions (尺寸图):



Item(项目)	Dimension(尺寸)	Tolerance(公差范围)	Unit(单位)
A	25.5	± 1.0	mm
B	23.0	± 1.0	mm
C	10.0	± 0.8	mm
D	32.5	± 1.0	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	280(1600A/m)	200	20	>130	>10 ⁵	4.6

4. Electrical requirements (电气特性): Z1=100 Ω Min at 25 MHz Z2=200 Ω Min at 100 MHz

5. The Limit of Breakage(外观标准)

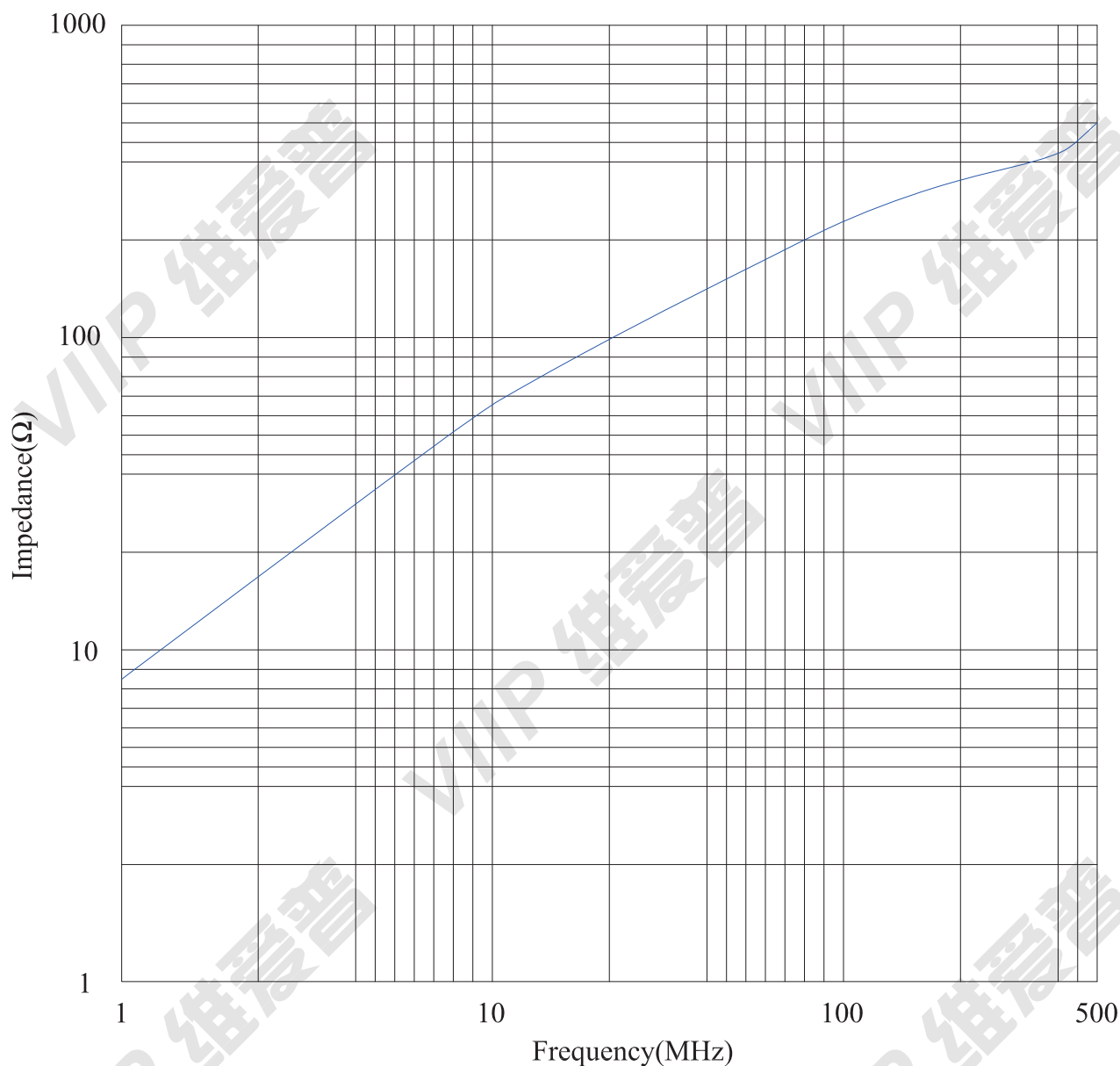
OD(mm)	0~5	5.1~10	10.1~15	15.1~20	20.1~25	25.1~30	30.1~35	35以上	
缺陷面积 Defect area (mm ²)	≤ 1	≤ 2	≤ 3	≤ 4	≤ 5	≤ 6	≤ 7	≤ 8	
缺陷个数 Number of de fects($\leq$)	1	2	3	3	3	3	2	2	

Drawing By(制图)	Checked By(审核)	Approved By(核准)	Ordering No.(品名)	Unit(单位)	Rev.(版本)
			V18006	mm	Rev.4.0



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) |



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

检验数据

型号	V18006		绕组	Ø0.5x0.5TSx100L(mm)		测试频率	Z1= 25 KHz MHz		Z2= 100 KHz MHz	Z3= KHz MHz	Z4= KHz MHz	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
		100	200			25.5	23.0	10	32.5				
+	/	/				1.0	1.0	0.8	1.0				
-	0	0				1.0	1.0	0.8	1.0				
1		116.2	234.6			25.56	23.40	10.20	33.50				
2		116.6	235.0			25.63	23.55	10.15	33.40				
3		116.8	235.2			25.70	23.29	10.05	33.25				
4		116.1	234.8			25.58	23.63	10.23	33.26				
5		116.4	234.4			25.82	23.68	10.24	31.99				
6		116.2	235.2			25.63	23.52	10.22	31.96				
7		116.6	235.2			25.69	23.47	10.27	33.28				
8		116.4	235.3			25.59	23.51	10.14	33.41				
9		116.3	235.1			25.77	23.54	10.19	33.20				
10		116.0	234.5			25.85	23.52	10.11	33.30				
$\bar{X}$		116.36	234.88			25.68	23.51	10.15	33.05				
Y/N		Y	Y			Y	Y	Y	Y				

测试仪器: E4991A

