

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) V19005

Our Part No. (产品编码)

Our Part No. (产品料号) 6080029038

Date (制作日期) Mar.25.2025

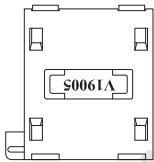
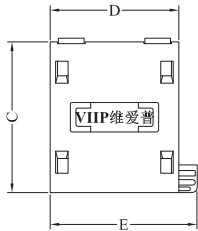
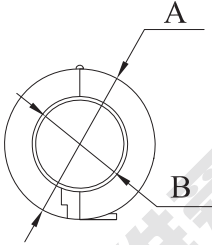
Approved by Customer
客 户 承 认

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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	41.0	±1.0	mm
B	24.0	±1.0	mm
C	41.5	±0.8	mm
D	35.0	±0.5	mm
E	40.0	±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 ±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
VN10	1000	15(0.1MHz)	0.5 ~ 3	330(1600A/m)	130	28	>130	>10 ⁵	4.75

4. Electrical requirements (电气特性) :Z1=60 Ω Min at 25 MHz Z2=90 Ω Min at 100 MHz

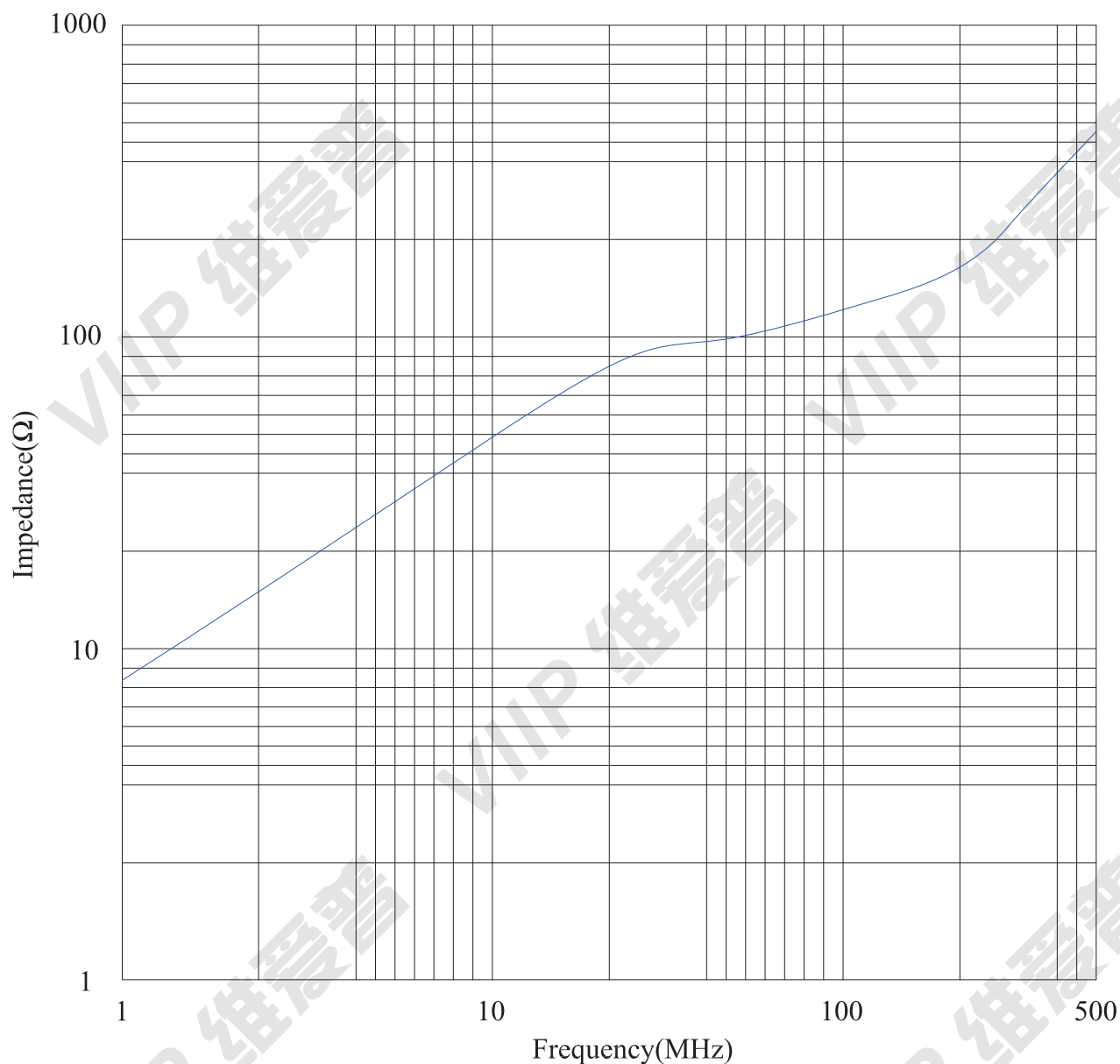
5.The Limit of Breakage(外观标准)

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(≤)	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)
			V19005	mm	Rev.4.0



阻抗-频率测试曲线 Impedance V.S Frequency(Z-Y)



测试条件

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|----------|---------------------|
| 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	V19005		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
		60	90			41.0	24.0	41.5	35.0	40			
+		/	/			1.0	1.0	0.8	0.5	0.5			
-		0	0			1.0	1.0	0.8	0.5	0.5			
1		81.9	125.1			41.12	23.96	41.67	34.98	40.10			
2		82.7	126.4			40.98	23.99	41.71	34.96	40.11			
3		82.7	126.4			40.97	23.95	41.72	34.98	40.13			
4		81.9	125.1			41.17	23.97	41.68	34.96	39.97			
5		81.1	123.8			41.21	24.03	41.58	35.14	39.98			
6		80.3	122.6			40.98	24.06	41.55	35.12	40.05			
7		82.7	126.4			40.96	24.20	41.62	34.97	40.13			
8		83.5	127.6			41.16	24.10	41.65	34.95	39.97			
9		81.1	123.8			41.21	24.13	41.59	35.12	39.99			
10		83.5	127.6			40.98	24.11	41.57	34.98	40.11			
$\bar{X}$		82.1	125.5			41.07	24.05	41.63	35.01	40.05			
Y/N		Y	Y			Y	Y	Y	Y	Y			
测试仪器：E4991A 