

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) V18032

Our Part No. (产品编码)

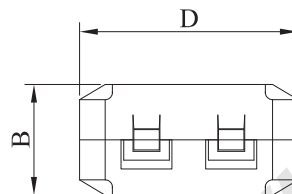
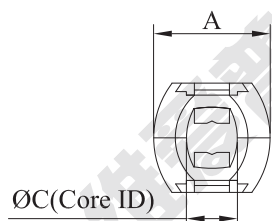
Our Part No. (产品料号) 6080029055

Date (制作日期) Jun.3.2025

Approved by Customer
客 户 承 认

SPECIFICATION

2.Physical Dimensions(尺寸图):



Item(项目)	Dimension(尺寸)	Tolerance(公差范围)	Unit(单位)
A	19.5	±1.0	mm
B	18.0	±1.0	mm
C	5.0	±1.0	mm
D	35.0	±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 ±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 (Ω.m)	d g/cm ³
F9	850	16(0.1MHz)	5-10	280(1600A/m)	200	20	>130	>10 ⁻⁵	4.6

4. Electrical requirements(电气特性):Z1=140 Ω Min at 25 MHz Z2=240 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 (mm²)	≤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)

 RD&Dept.
 2025.06.03
 Li Endi

 RD&Dept.
 2025.06.03
 Tom Kuang

 RD&Dept.
 2025.06.03
 Jet Wu

V18032

mm

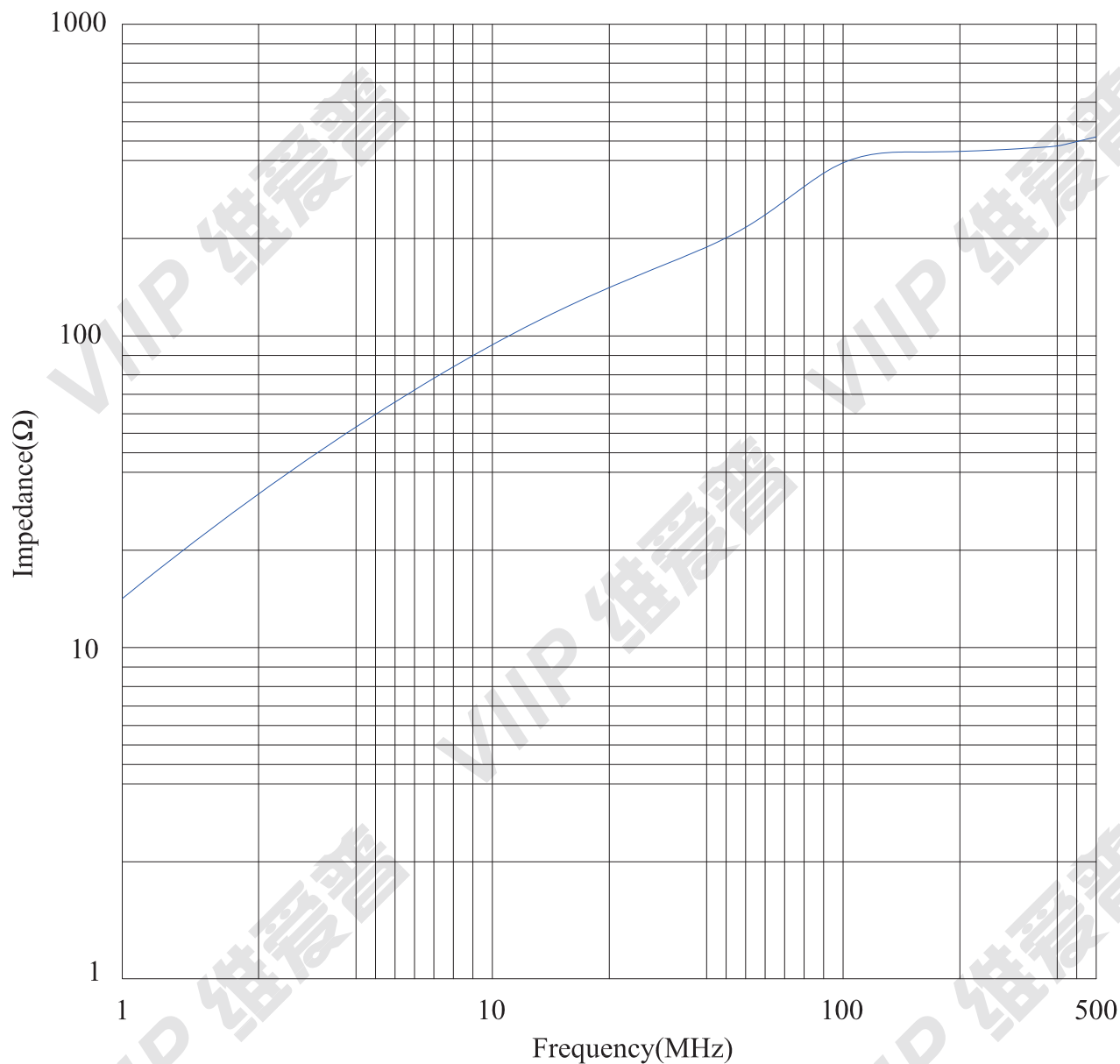
Rev.4.0

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+16194A |
| 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	V18032		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
		140	240			19.5	18.0	5.0	35.0				
+	/	/			1.0	1.0	1.0	1.0					
-	0	0			1.0	1.0	1.0	1.0					
1		175.0	302.9			19.20	17.70	5.09	35.30				
2		175.2	304.8			19.10	17.66	5.05	35.20				
3		174.5	304.4			19.19	17.81	5.06	35.28				
4		175.3	305.7			19.17	17.83	5.17	35.36				
5		175.5	303.7			19.25	17.75	5.13	35.34				
6		174.4	302.3			19.23	17.77	5.08	35.22				
7		174.6	305.5			19.18	17.69	5.12	35.27				
8		175.2	302.8			19.16	17.82	5.05	35.29				
9		174.7	304.1			19.24	17.84	5.14	35.32				
10		175.5	303.3			19.22	17.76	5.07	35.38				
$\bar{X}$		174.99	303.95			19.19	17.76	5.09	35.29				
Y/N		Y	Y			Y	Y	Y	Y				

测试仪器：E4991A+16194A

