

# 承认书

## SPECIFICATION FOR APPROVAL

<b>客户名称</b> Customer	
<b>品名</b> Product Name	FERRITE CORE
<b>规格</b> Specifications	BF1334
<b>料号</b> Part No	
<b>提出日期</b> Deliver date	10.MAY 2017

### 出图DRAWING

<b>工程部</b> APPROVED BY	<b>品质部</b> APPROVED BY	<b>审核</b> APPROVED BY
<b>刘明</b>	<b>周维维</b>	<b>代坤辉</b>
<b>检查结果</b> INSPECT RESULT	<input checked="" type="checkbox"/> <b>合格</b> ACCEPT	<input type="checkbox"/> <b>不合格</b> REJECT

### 客户承认CUSTOMER APPROVE

<b>检查</b> TESTED BY	<b>审核</b> CHECKED BY	<b>承认</b> APPROVED BY
<b>检查结果</b> INSPECT RESULT	<input type="checkbox"/> <b>合格</b> ACCEPT	<input type="checkbox"/> <b>不合格</b> REJECT

说明 REMARK:

# 检测报告

## INSPECTION DATA

日期 DATE	2017. 4. 10	数量 QUANTITY	20pcs
客户 CUSTOMER	深圳科利电器有限公司		
规格 ITEM	BF1334		
材质 MATERIAL	D9		

测试线圈 WINDING	2 UEW $\Phi 0.5 \times 120$ mm    0.5Ts
--------------	---

测试仪器 TEST INSTRUMENTS	HP4191A    E4991A    Agilent16194A-TESTFIXTURE
-----------------------	--

测试环境 TEST CONDITIONS	温度/temperature            25 °C
	湿度/humidity                    75 %

1	ELECTRIC CHARACTER				DIMENSION (Unit:mm)								外观
	Z1( $\Omega$ )	Z2( $\Omega$ )	L1( $\mu$ H)	Q	A	B	C	D	E	F	G	H	
	25 MHz	100MHz			30	13	34	39	26	30	13	13.25	
TOL	$\geq 80$	$\geq 180$			$\pm 1.0$	$\pm 0.8$	$\pm 1.0$	$\pm 1.0$	$\pm 0.8$	$\pm 1.0$	$\pm 0.5$	$\pm 0.5$	OK
1	118.2	206.6			30.10	13.00	34.20	39.06	26.06	30.06	13.06	13.06	OK
2	116.6	207.0			29.90	13.25	34.50	39.03	26.03	30.30	12.89	13.03	OK
3	119.8	207.2			29.96	13.10	34.10	39.09	26.09	30.05	12.89	13.09	OK
4	120.4	210.8			29.93	13.30	34.12	39.20	25.80	29.80	12.90	13.20	OK
5	120.0	207.4			29.99	13.12	34.26	39.15	25.95	29.95	13.05	13.15	OK
6	118.0	208.5			30.02	13.22	34.28	39.22	26.02	29.92	13.02	13.22	OK
7	116.7	211.3			30.00	13.15	34.36	39.14	26.04	30.14	13.14	13.14	OK
8	119.3	210.1			30.06	13.23	34.30	39.18	25.98	30.18	12.88	13.18	OK
9	120.4	209.9			30.08	13.17	34.11	39.07	25.97	30.07	12.97	13.07	OK
10	117.1	208.4			30.1	13.24	34.18	39.14	25.84	29.84	13.14	13.14	OK
X	118.65	208.72			30.00	13.17	34.24	39.12	25.97	30.00	13.00	13.12	OK
Y/N	Y	Y			Y	Y	Y	Y	Y				Y

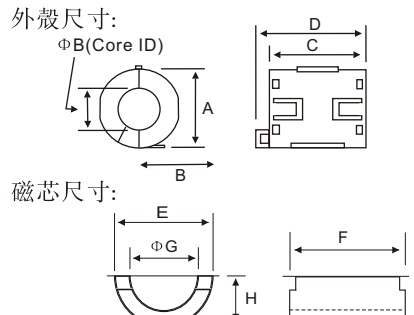
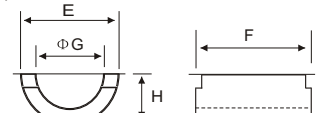
检验 INSPECTED	复核 CHECKED	确认 APPROVED
代坤辉	周维维	刘明

# 承认书

## SPECIFICATION FOR APPROVEAL

客户 CUSTOMER	
客户料号 PART NUMBER	
品名 DESIGNATION	铁氧体磁芯
规格 ITEM	BF1334
材质 MATERIAL	D9

### 外形尺寸 DIMENSIONS

A	30±1.0mm	<p>1. 形状尺寸(单位/毫米): SHAPE &amp; DIMENSION(unit/mm):</p> <p>外壳尺寸:  </p> <p>磁芯尺寸:  </p>
B	13.0±0.8mm	
C	34.0±0.4mm	
D	39.0±1.0	
E	26.0±0.8	
F	30.0±1.0	
G	13.0±0.5	
H	13.25±0.5	
P		
W		
L1		
L2		

电气特性 ELECTRIC CHARACTER	Z1 (Ω)	Z2 (Ω)	L1 (uH)	L2 (uH)	Q
	25MHz	100 MHz			
	≥80	≥180			

测试线圈 WINDING	2 UEW	Φ0.5×100 mm	0.5Ts
--------------	-------	-------------	-------

测试仪器 TEST INSTRUMENTS	□HP4191A ■E4991A ■ Agilent 16194A-TESTFIXTURE
-----------------------	---

测试环境 TEST CONDITIONS	温度/temperature	25 °C
	湿度/humidity	75 %

外观标准 APPEARANCE	1. 清洁: 外表允许轻微灰尘	4. 裂纹: 允许表面轻微裂纹 5. 掉块: 面积 1.25mm <sup>2</sup> , 数量 2, 深度≤0.2mm
	2. 毛刺: 允许轻微毛刺存在	
	3. 粘模: 允许轻微粘模	

包装说明PACKAGING	内包装采用泡沫包装, 外包装采用纸箱, 每箱产品外面都盖上合格章(包括品名、数量、检验员).	
	Inner packing adopts foam plastics box, outer	
	<b>packing adopts carton and each carton should have a</b>	
	qualified chapter label outside(include the variety, quantity and inspector)	

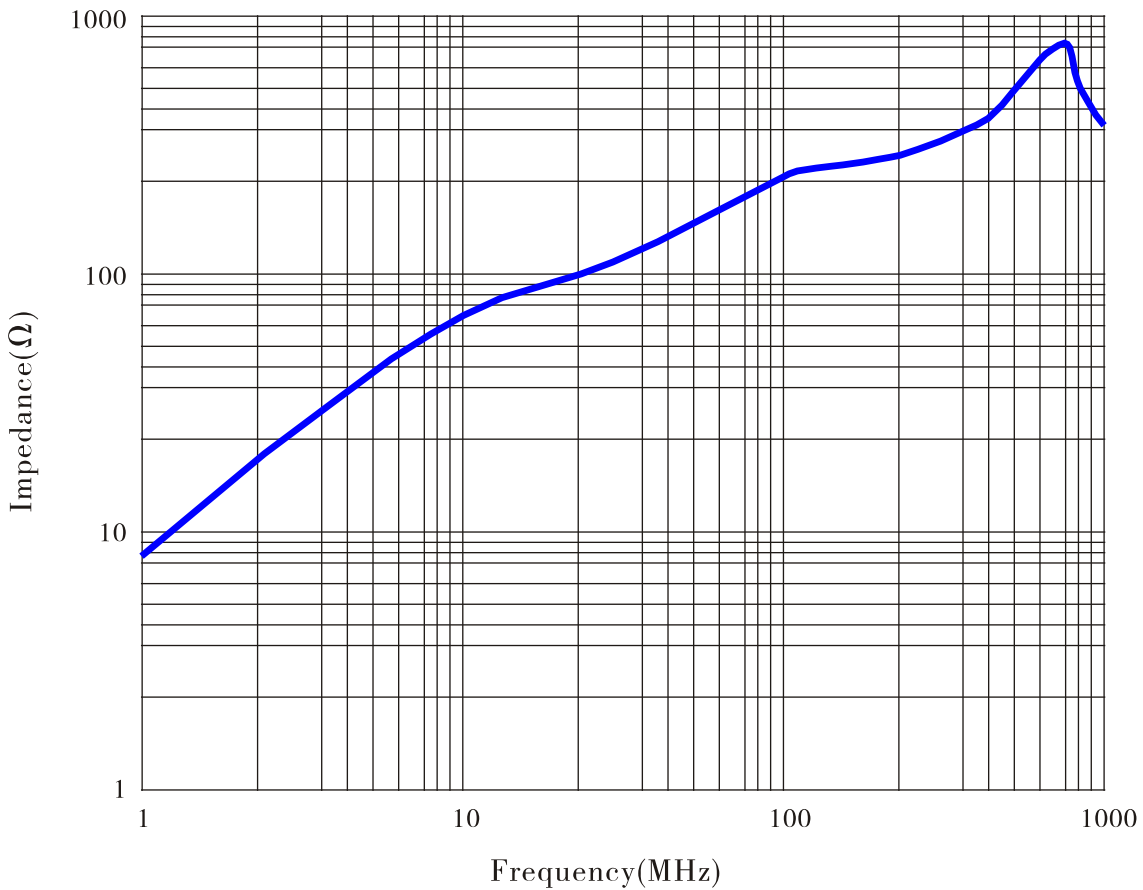
# 阻抗 - 頻率曲綫

## IMPEDANCE V.S FREQUENCY (Z-Y)

客戶名稱 CUSTOMER		日期 DATE	
規格 ITEM	BF1334	料號 P/N	

### 材質特性 MATERIAL CHARACTERISTICS

材料牌號 Material	初始磁導率 Initial Permeability	比損耗因子 Relative Loss Factor	比溫度係數 Relative Temperature Coefficient	飽和磁通密度 Saturation Magnetic Flux Density	剩磁 Remanence	矯頑力 Coercivity	居裏溫度 Curie Temperature	電阻率 Electrical Resistivity	密度 Density
Unit symbol	$\mu_i$ $\pm 20\%$	$\tan \delta / \mu_i$ $\times 10^{-6}$	$\alpha \mu_i \gamma$ $\times 10^{-6}$	Bs (MT)	Br (MT)	HC (A/m)	Tc (°C)	$\rho$ ( $\Omega \cdot m$ )	d g/cm <sup>3</sup>
D9	850	16 (0.1MHz)	5 - 10	280(1600A/m)	200	20	>130	>10 <sup>5</sup>	4.6



測試條件：  
TESTING CONDITION:

1. 測試儀器：  
Testing Equipment: E4991A+16194A
2. 測試頻率區間：  
Testing Frequency Range: 1-1000MHz
3. 測試綫組：  
Testing Coil Specification:  $\Phi 0.5 \times 0.5 \text{TS} \times 100 \text{L}(\text{mm})$