

承认书



SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER

品名规格

PENF100

DESTRIPCION

客户料号

CUS.P/N

提出日期

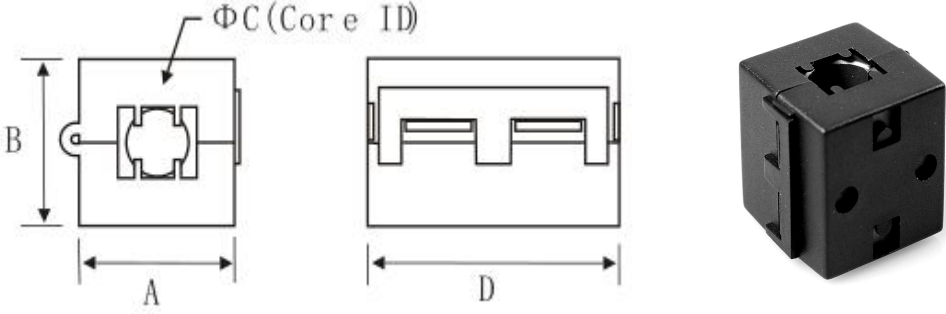
DATE

编号

SERIAL NO.

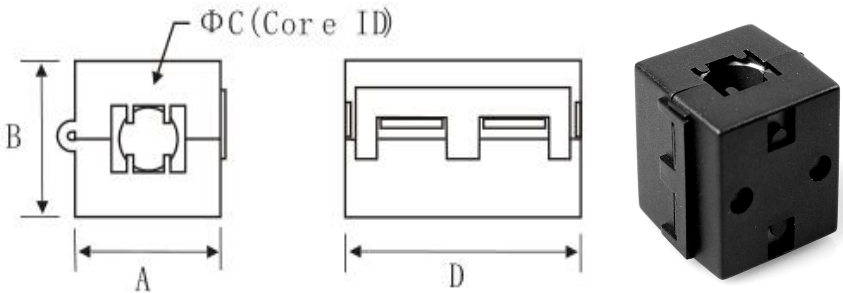
承认书

SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER		日期 DATE																	
规格 ITEM	PENF100	编号 SERIAL NO.																	
1.1形状尺寸 SHAPE & DIMENSION(UNIT/MM):	1.2实物图: THE SAMPLE:		<table border="1"> <tr> <td>A</td> <td>22.0±1.0mm</td> </tr> <tr> <td>B</td> <td>23.5±1.0mm</td> </tr> <tr> <td>C</td> <td>10.0±0.8mm</td> </tr> <tr> <td>D</td> <td>33.0±1.0mm</td> </tr> <tr> <td>E</td> <td></td> </tr> <tr> <td>F</td> <td></td> </tr> <tr> <td>G</td> <td></td> </tr> <tr> <td>H</td> <td></td> </tr> </table>	A	22.0±1.0mm	B	23.5±1.0mm	C	10.0±0.8mm	D	33.0±1.0mm	E		F		G		H	
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E																			
F																			
G																			
H																			
																			
2.电气性能检测项目: ELECTRICAL REQUIREMENTS:		测试仪器 TEST INSTRUMENT																	
L(uH)		TEST FREQUENCY	1.Q-METER																
Q		TEST FREQUENCY	2.L.C.R. METER																
Z	Z1=90Ωmin	TEST FREQUENCY: 25MHZ	3.IMPEDANCE ANALYZER: HP4396B Agilent 16092A-TESTFIXTURE																
	Z1=200Ωmin	TEST FREQUENCY:100MHZ																	
线组 WINDING	Φ0.5x0.5TSx100L(mm)																		
3.外观: THE LIMIT OF BREAKAGE:																			
项目 ITEM		标准值 STANDARD VALUE																	
一处缺陷的面积 AREA OF A BREAKAGE		≤1mm ²																	
总缺陷面积 ALL AREA OF THE BREAKAGE		≤2mm ²																	
缺陷深度 THE DEPTH OF THE BREAKAGE		≤0.4mm																	
毛刺长度 THE LENGTH OF BURR		≤0.2mm																	

检验数据

INSPECTION DATA

客户名称 CUSTOMER NAME		
规格 ITEM	PENF100	
日期 DATE		
数量 QUANTITY	10pcs	

电气性能 ELECTRIC CHARACTERISTICS			尺寸 (单位: 毫米) DIMENSION (Unit : mm)				
	Z1(Ohm)	Z2(Ohm)	ΦA	B	ΦC	D	E
	90	200	22	23.5	10	33	
	MIN	MIN	±1.0	±1.0	±0.8	±1.0	
	25MHZ	100MHZ					
1	110.20	229.60	21.56	23.40	10.20	33.50	
2	109.60	230.00	21.63	23.55	10.15	33.40	
3	108.80	230.20	21.70	23.29	10.05	33.25	
4	110.10	229.80	21.58	23.63	10.23	33.26	
5	110.40	230.40	21.82	23.68	10.24	31.99	
6	109.20	230.20	21.63	23.52	10.22	31.96	
7	108.60	229.70	21.69	23.47	10.27	33.28	
8	109.80	229.40	21.59	23.51	10.14	33.41	
9	110.30	230.10	21.77	23.54	10.19	33.20	
10	110.00	229.50	21.85	23.52	10.11	33.30	
平均数	109.70	229.89	21.68	23.51	10.18	33.05	
Y/N	Y	Y	Y	Y	Y	Y	

TEST INSTRUMENTS & CONDITION :

(A) IMPEDANCE ANALYZER: HP4396B TEST FIXTURE: Agilent 16092A

TEST FREQ: Z1 // AT 25 MHz ; Z2 // AT 100 MHz

(B) WINDING : Φ0.5 × 100L(mm) × 0.5 TS

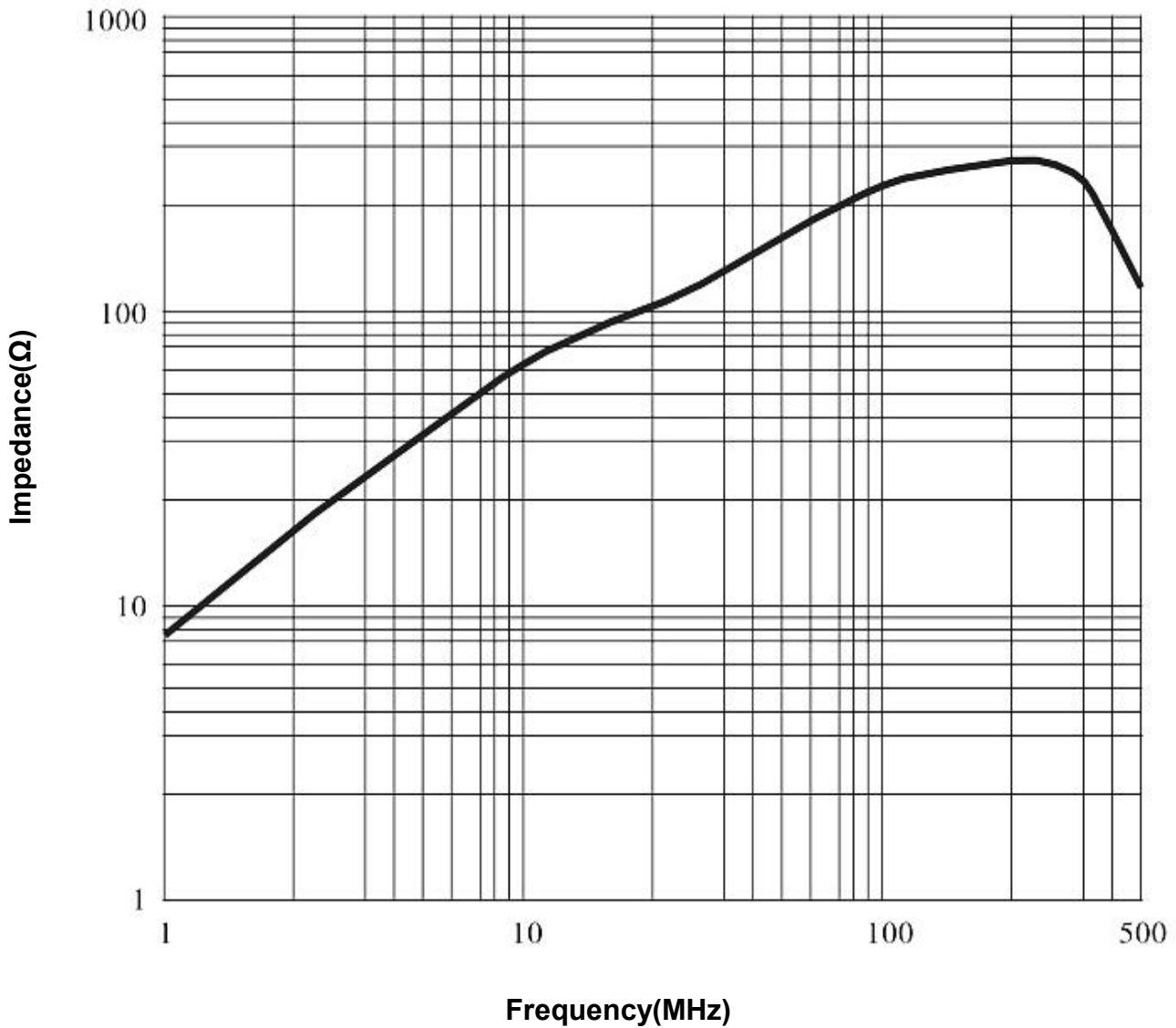
阻抗-频率曲线

IMPEDANCE V.S FREQUENCY(Z-Y)

客户名称 CUSTOMER		日期 DATE	
规格 ITEM	PENF100	编号 SERIAL NO.	

材料特性 MATERIAL CHARACTERISTICS

材料牌号 material	初始磁导率 initial permeability	比耗损因子 relative loss factor	比温度系数 relative temperature coefficient	饱和磁通密度 saturation magnetic flux density	剩磁 remanence	矫顽力 coercivity	居里温度 curie temperature	电阻率 electrical resistivity	密度 density
unit symbol	μ_i	$\text{Tan } \delta/\mu_i$	$\alpha\mu_i \gamma$	Bs (MT)	Br (MT)	HC (A/m)	Tc (°C)	ρ ($\Omega \cdot \text{m}$)	d (g/cm^3)
F9	$\pm 20\%$	$16 (0.1\text{MHz})$	$5-10$	$350(1600\text{A/m})$	200	20	>110	$>10^5$	4.7



TEST INSTRUMENTS

- (a) IMPEDANCE ANALYZER: HP4396B+16092A
- (b) TESTING FREQUENCY RANGE: 1-500MHz
- (c) TEST CONDITION: $\Phi 0.5 \times 100\text{L}(\text{mm}) \times 0.5 \text{ TS}$