

承 认 书

SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER

产品型号

DESCRIPTION EE15/12/10

客户料号

DUS.P/N HT-P95

日 期

DATE 2015.12.1

制 图 DRAWING			承 认 CUSTOMR APPROVE
发行 MADE	复核 CHECKED	确认 APPROVED	

请承认书 APPROVAL SHEET

I. 认可标准 SPECIFICAION FOR APPROVAL:

产品型号 P/N: EE15/12/10-HT-P95

材料特性		单位	HT-P95
初始磁导率 μ_i (10KHZ)	25°C		3200 ± 25%
饱和磁通密度 B_s (H=1194A/m)	25°C	mT	510
	100°C	mT	390
剩磁 B_r	25°C	mT	50
	100°C		55
矫顽力 H_c	25°C	A/m	8
	100°C	A/m	9
电阻率 ρ		$\Omega \cdot m$	-
居里温度 T_c		°C	≥ 220
功率损耗	25°C	mW/cm ³	450
	100°C	mW/cm ³	380

Item:

FERRITE CORE

P/N:

EE15/12/10-HT-P95

SPEC./N:

承认书 APPROVAL SHEET

1.产品型号 P/N: EE15/12/10-HT-P95

2.材质 Material: HT-P95

3.电磁性能 Electromagnetic property:

3.1 测试项目及测试条件 Test Item & **Condition:**

3.1.1 电感系数 Inductor Value:

测试条件 Test Condition:

*测试仪器 Testing Instrument: TH2817

*测试频率 Test Frequency: 1KHz

*测试电压 Test Voltage: 0.3V

*测试温度 Test Temperature: 25±3℃

*测试圈数 Test Turns: 100TS

3.1.2 电感系数 Inductor Value:

$$AL=3500 \pm 25\%nH/ N^2$$

3.1.3 功率损耗 Power Loss:

$$100KHz \quad 200mT \quad 100^\circ C \quad P_{cv} < 130mW /g$$

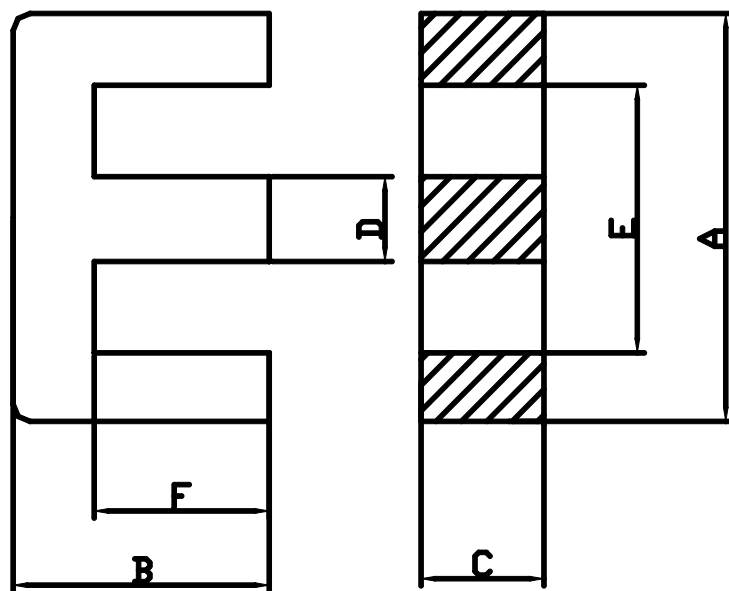
3.1.4 机械强度 **Mechanical Strength**

$$E: \geq 2.5Kgf \quad M: \geq 3.0Kgf$$

Item:	P/N:	SPEC./N:
FERRITE CORE	EE15/12/10-HT-P95	

承认书 APPROVAL SHEET

4. 尺寸 DIMENSIONS (mm)



尺寸
DIMENSIONS (mm)

A	15.0 ± 0.4
B	6.0 ± 0.2
C	9.9 ± 0.2
D	3.8 ± 0.2
E	10.9min
F	4.0 ± 0.2
A-A'	$\leq 0.2\text{mm}$

磁芯参数 CORE PARAMETERS

磁芯常数 Core Factor C1	0.8 mm ⁻¹
有效磁路长度 Effective Length Le	29.6mm
有效截面积 Effective Cross Area Ae	37.6 mm ²
有效体积 Effective Volume Ve	1112.4mm ³
重量 Approx. Weight W	

Item:

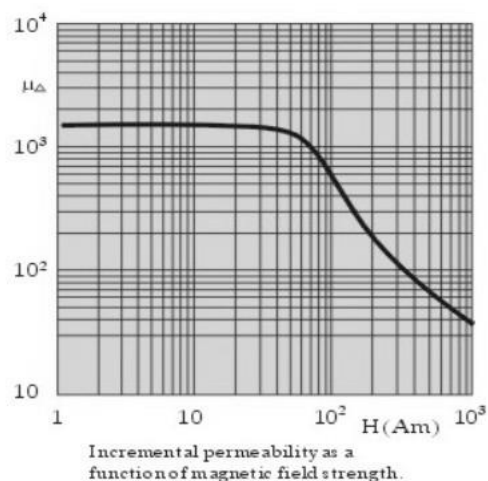
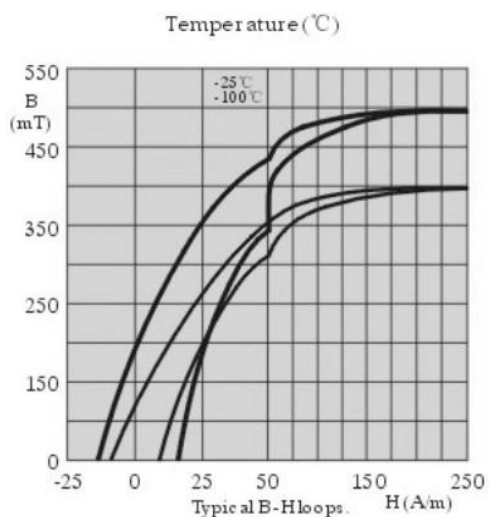
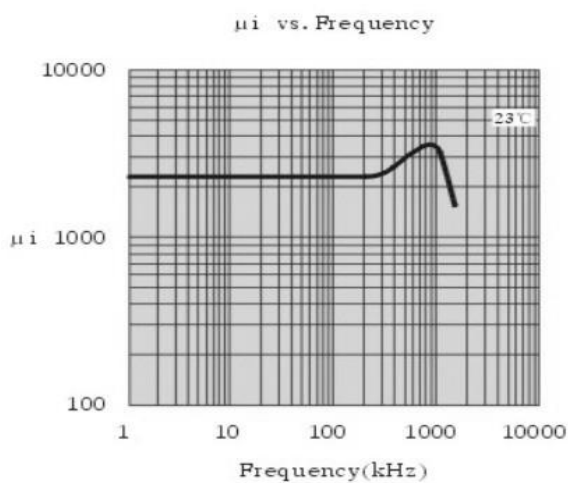
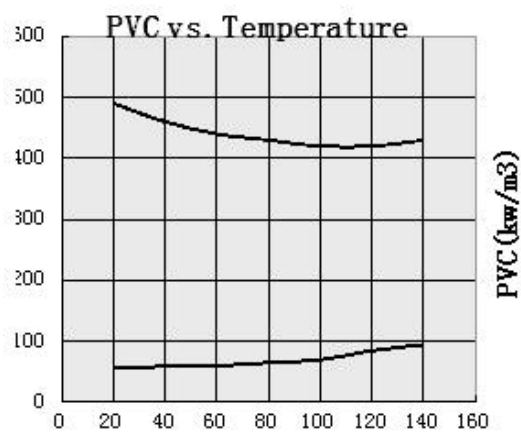
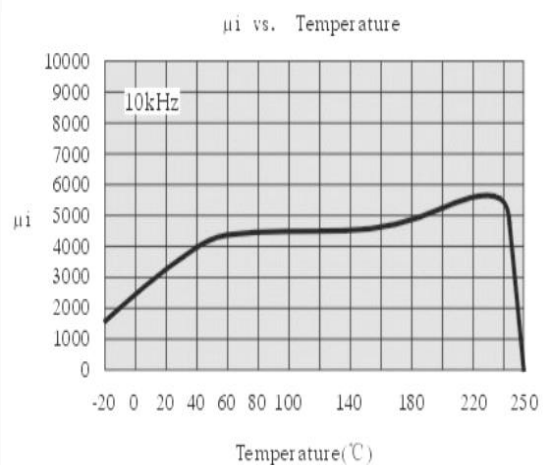
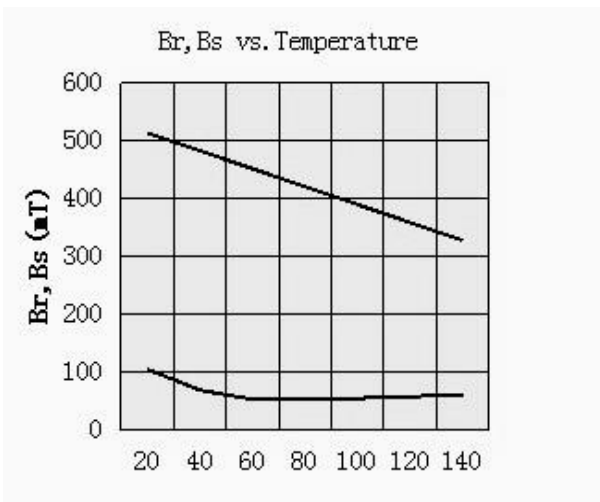
FERRITE CORE

P/N:

EE15/12/10-HT-P95

SPEC./N

5. PC95 锰锌材料特性图



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P/N:

EE15/12/10-HT-P95

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承认书 APPROVAL SHEET

6. 外观质量: Outside Quality:

a.磁芯表面应无明显氧化,铁锈,油渍,及裂缝.

磁芯表面清洁,无肉眼可见疏松铁氧体或其它附着物。

There are no crack and oxide in the ground surface of core.

b.磁芯表面上掉块面总面积不超过 2.0mm²,数量不多于三处。

The total chip square should be no more than 2.0 mm² and quantity should be no than

c.不允许有影响使用的毛刺存在

There shouldn't be any thorns on the core,which influence the practical use of the core.

7.检验方法 (Inspection Method):

按 GB2828-87,一次正常抽样,检查水平 II, AQL 符合下列标准。

According to GB2828-87, one time normal random sampling,Inspect level II, AQL should be as follows;

	AQL	Inspect Item
A	0.65	Electromagnetic Property
B	1.0	Outside Size
C	1.5	Outside Quality

8.包装 Packing:

内包装:泡塑;外包装采用纸箱,每箱产品外面都贴上产品合格证(包括型号、规格、材质、数量、批号、检验员)和环保标签。

Inside packing TBD, paper box is used to outside packing, Quality Certification is attached on every box, including Item (Product name or type), Quantity, Lot No.and Tester.

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