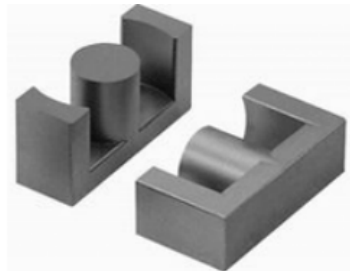


CUSTOMER \_\_\_\_\_

DATE 2014-9-1

## SPECIFICATION FOR APPROVAL

CUSTOMER P/N	
FERRIWO P/N	FW44-ETD29/32/10
SPEC.NO.	FSN140901ABD
CORE SHAPE	

APPROVED BY :

## 2. ELECTRICAL CHARACTERISTICS

## 1. DIMENSIONS(mm)

DIMENSIONS(mm)	
A	29.8±0.6
B	15.8±0.3
C	9.5±0.3
D	9.5±0.3
E	22.0 min
F	11.2±0.3

CORE PARAMETERS	
Effective Length $L_e$	71.45 mm
Effective Cross Area $A_e$	75.42 mm <sup>2</sup>
Effective Volume $V_e$	5389.2 mm <sup>3</sup>
Approx. Weight W	31.0g/Prs

Item:	P/N:	SPEC./N
FERRITE CORE	FW44-ETD29/32/10	FSN140901ABD

ITEMS	SPEC	TESTING METHOD	TESTING INSTRUMENT
INDUCTANCE	$AL=2600 \pm 25\% nH/N^2$	1kHz, 0.3V	HP4284A

### 3.MATERIAL CHARACTERISTICS

MATERIAL: FW44

CHARACTERISTICS		UNIT	VALUE
INITIAL PERMEABILITY	$\mu_i$	—	$2400 \pm 25\%$
SATURATION MAGNETIC FLUX DENSITY (H=1194A/m)	Bs	mT ( 25/100℃ )	500
			390
REMANENT FLUX DENSITY	Br	MT ( 25℃ )	110
COERCIVE FORCE	Hc	A/m ( 25℃ )	13
Power Loss PV(KW/m <sup>3</sup> )			100KHz,200mT
	25℃		600
	100℃		300
CURIE TEMP.	Tc	℃	>215
ELECTRICAL RESISTIVITY	$\rho$	$\Omega$	6.5
DENSITY	d	kg/m <sup>3</sup>	$4.8 \times 10^3$
Item:	P/N:	SPEC./N	
FERRITE CORE	FW44-ETD29/32/10	FSN140901ABD	

## 4.Maximum chip off:

a.

The depth of crack in the ground surface should be no more than 0.3mm, length is no more than 1/4 length of lengthen line. In the non-ground surface, the depth should be no more than 0.5mm length is no more than 1/3 length of lengthen line.

b. 对于磁芯的外观检验方面，执行如下标准规格：

		接合面	其他表面
破损	1 处破损的面积	$\leq 0.7\text{mm}^2$	$\leq 1.0\text{mm}^2$
	2 处以上破损面积的合计	$\leq 2.0\text{mm}^2$	$\leq 5.0\text{mm}^2$
	破损深度	$\leq 0.7\text{mm}$	$\leq 1.0\text{mm}$
其他	实际使用中无有害毛刺，裂纹，气孔等		

## 5. (Inspection Method) :

According to GB/T2828.1-2003.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

## 6.Packing:

plastic sack is used to inside packing,paper box is used to outside packing,Qualify Certification is attached on every box,including Item (Product name or type),Quantity,Lot No.and Tester.

## 6.2.QTY in carton

Item	(PRS/CTN)	Remark
FW44-ETD29/32/10		

Item:	P/N:	SPEC./N
FERRITE CORE	FW44-ETD29/32/10	FSN140901ABD