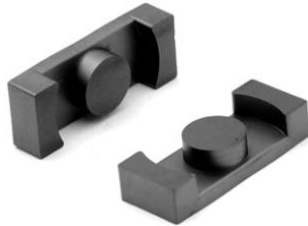


CUSTOMER ELTECH, LtdDATE 2016-4-9

SPECIFICATION FOR APPROVAL

CUSTOMER P/N	FW97-EE11/5/6
FERRIWO P/N	FW97-EE11/5/6 no gap
SPEC.NO.	FSN160409ABD
CORE SHAPE	

APPROVED BY:

1. DIMENSIONS (mm)

	DIMENSIONS(mm)	
	A	10.8±0.2
	B	2.45±0.1
	C	5.9±0.2
	D	4.15±0.2
	E	8.85±0.2
	F	1.575±0.1
	I	7.9MIN

CORE PARAMETERS	
Effective Length L_e	14.05mm
Effective Cross Area A_e	12.58mm ²
Effective Volume V_e	176.8mm ³
Approx. Weight W	0.95g/Prs

Item:	P/N:	SPEC. /N
FERRITE CORE	FW97-EE11/5/6 no gap	FSN160409ABD

2. ELECTRICAL CHARACTERISTICS

ITEMS	SPEC	TESTING METHOD	TESTING INSTRUMENT
INDUCTANCE	$AL=1250 \pm 25\% nH/N^2$	1KHZ, 1V, $25 \pm 3^\circ C$; 10TS	HP4284 OR YD2810
POWER LOSS	0.097 W max	100kHz 200mT; $100 \pm 3^\circ C$	SY8232 OR CH258

3.MATERIAL CHARACTERISTICS

MATERIAL: FW97

CHARACTERISTICS		UNIT	VALUE
INITIAL PERMEABILITY	μ_i	—	$2000 \pm 25\%$
SATURATION MAGNETIC FLUX DENSITY (H=1194A/m)	Bs	mT ($25/100^\circ C$)	520
			410
REMANENT FLUX DENSITY	Br	MT ($25^\circ C$)	135/60
COERCIVE FORCE	Hc	A/m ($25^\circ C$)	13/7
RELATIVE LOSS FACTOR	Tan δ /ui	—	
RELATIVETEMP.FACTOR	α uir	—	
CURIE TEMP.	Tc	$^\circ C$	>220
ELECTRICAL RESISTIVITY	ρ	Ω	6.5
DENSITY	d	kg/m ³	4.8×10^3
Item:	P/N:	SPEC. /N	
FERRITE CORE	FW97-EE11/5/6 no gap	FSN160409ABD	

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	≤1.7mm ²	≤3.0mm ²
	2 处以上破损面积的合计	≤3.0mm ²	≤8.0mm ²
	破损深度	≤1.7mm	≤3.0mm
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. QTTY in carton

Item	(PRS/CTN)	Remark
FW97-EE11/5/6 no gap		

Item:	P/N:	SPEC./N
FERRITE CORE	FW97-EE11/5/6 no gap	FSN160409ABD