Specifications

Freq (Hz) 70 Watts 2

SE ☑

	Z	Ip 0	
Primary	3750	.04	87 Vrms

1 sect. in serie by 2 in // Equal

Wires in // per section

Secondary 8 4. Vrms

2 sect. in serie by 1 in // Split

Wires in // per section 2

Copper (Cu)

Turns per Volt 11.64 Pri L (Hy) 6.3 Bobbin deepth (mm) 9

Amp/mm² 2.5 Total Hcu (mm) 5.8

Dia (mm) Computed	Actual	Turns	Length(M)	R	Weight	Hcu (mm)	IL Thick
0.13	0.224	1008	276	32.61	97	4.71	
	Turns per layer	Max:	112	Actual:	112		0
0.36	0.5	46	12	.3	11	1.09	
	Turns per layer	Max:	53	Actual:	46		0

Cu losses (W@40°C) Tot: 0.2 AC only: 0.1 (4.6%) (0.2dB)

Windings (Wires xTturns / Layers ResFrequency)

252 / 5 198 KHz	23 / 1	504 / 9 179 KHz	23 / 1	252 / 5 198 KHz

Iron (Fe)

Name	EI66-22Cartoplas
AFe (cm²)	4.60
mFe (Kg)	0.464
MPL (cm)	13.2
B DC (Tesla)	0.56
B AC (Tesla)	0.6
B Total	1.17
µ (Approx)	1772
Fe losses(W)	0.5

J10 704
J10 2xW
J10 63598
EI30-10
M42-085
EI42-14.8Isolectra
EI48-16Cartoplast
EI48-16.8Isolectra
EI48-20Cartoplast
EI54-18.8Isolectra
EI48-25Cartoplast
EI60-21Isolectra

Sort by Name
Sort by AFe
Edit hilighted

M6x0
FA30
NI
M6x
M6x1
Std

Inter windings insulation

Thickness (mm)
Max allowed: 0.75

Actual .6

Dielectric K 3

Shunt Cap 355 pF
Leak L: 2.1 mH
Fo 185 Khz
Q ? 16

Plot parameters

Z source 5000R

V source 86.6 2.0 W

Z load 8R

IDC .04 Gap(mm) 0.066

Frequency: 10.
B 5.1
Mu 95
LPri .3
ZPri 446
Gain -47.5dB -37.0dB
Phase 178.4

MATRIX. SE OPT. Câle d'entrefer: 0,03

1.4 0.14 1 1