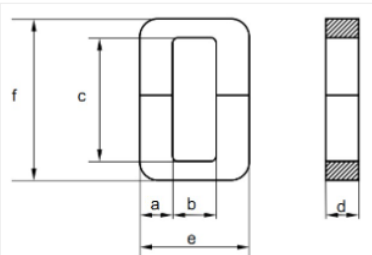


Applications:

- + Applied to solar inverters, wind power inverters
- + Output filter or inductor cores in high frequency large power supplies
- + Transformer cores in switch mode power supplies

Characteristics:

- + High saturate induction - Reducing core volume
- + Rectangular form - Easy to mount coils
- + With air gap - Excellent anti-bias current ability
- + Low core loss - Low temperature rise
- + Good temperature stability

ANCC Core Dimension:

P/N	CORE DIMENSION										PERFORMANCPARAMETERS				
	a(mm)	±	b(mm)	c(mm)	d(mm)	±	e(mm)	±	f(mm)	±	(Lm)cm	Ac(cm')	Wa(cm2)	Ap(cm')	Mass(g)
ANCC-367S	25.8	1	66	97.8	25	0.7	117.6	1.5	149.4	1.5	43.78	5.29	63.81	338	1,660

Primary Coil

72 turns, 16/02 hook-up wire

@100Khz

Inductance = 2.982 mH, DCR = 0.5 Ohm, Z = 76.57 Ohm, C = 817,3 pF

Secondary Coil

2 C-cores back-to-back

Centre taped 100 turns.

@100Khz

Inductance = 6.654 mH, DCR = 0.61 Ohm, Z = 108.7 Ohm, C = 380.4 pF

Figuera module setup two primaries outside and one secondary inside. Primaries are crosswire connected.

Resonance with 2.2nF Film capacitor 5% in parallel with secondary coil is 32 KHz

