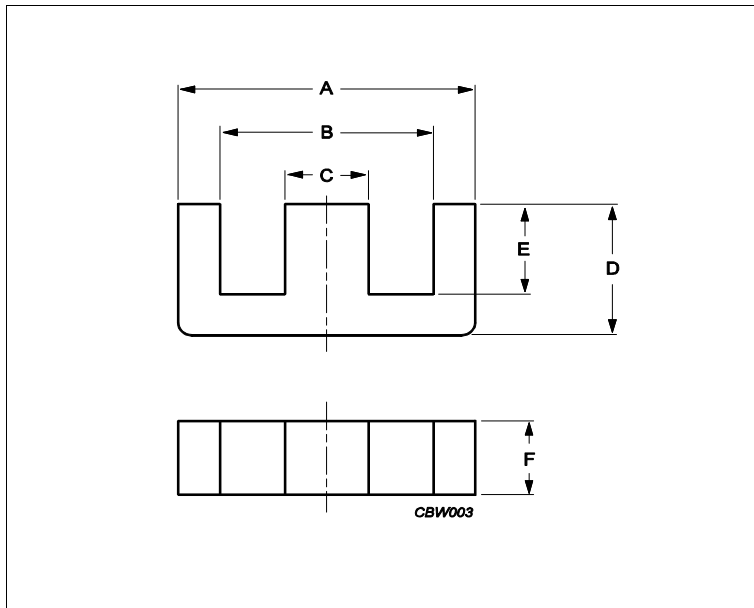


Core **E36/21/12**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.762	mm ⁻¹
Ve	effective volume	12160	mm ³
Le	effective length	96	mm
Ae	effective area	126	mm ²
Amin	minimum area	121	mm ²
m	E36/21/12	≈ 31	g/pcs

Dimensions for product: E36/21/12						
	Nom	Tol +	Tol -	Max	Min	Unit
A	36.00	0.70	0.70	36.70	35.30	mm
B	24.50	1.20	0.00	25.70	24.50	mm
C	10.20	0.00	0.50	10.20	9.70	mm
D	21.75	0.00	0.40	21.75	21.35	mm
E	15.75	0.60	0.00	16.35	15.75	mm
F	12.00	0.00	0.60	12.00	11.40	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C94	2650	25%	25%	nH/turns ²
3F36	2000	25%	25%	nH/turns ²

Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	6.100	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	1.800	W/set
500 kHz	100 mT	100 °C	14.000	W/set

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C94	320	mT
25 kHz	250 A/m	100 °C	3F36	340	mT

Core **E36/21/12**
