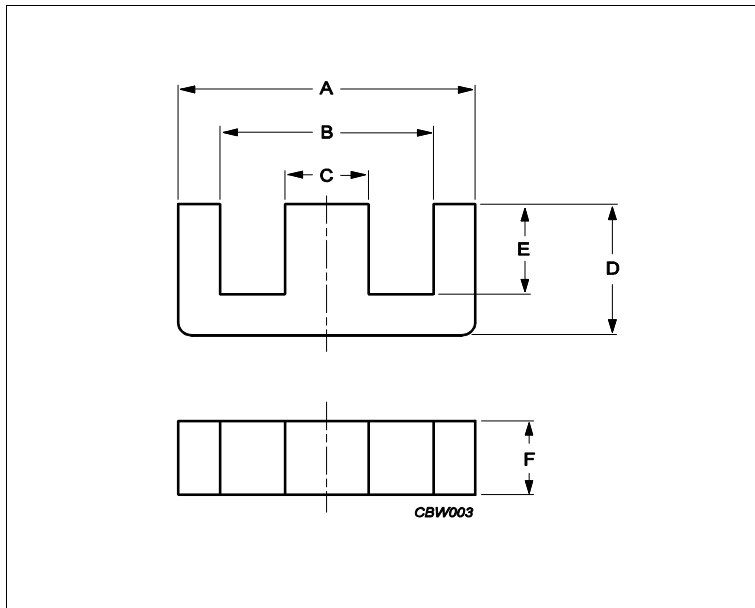


Core **E16/12/5**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	2.85	mm ⁻¹
Ve	effective volume	1070	mm ³
Le	effective length	55.3	mm
Ae	effective area	19.4	mm ²
Amin	minimum area	19.4	mm ²
m	E16/12/5	≈ 2.6	g/pcs

Dimensions for product: E16/12/5

	Nom	Tol +	Tol -	Max	Min	Unit
A	16.00	0.30	0.30	16.30	15.70	mm
B	12.00	0.30	0.30	12.30	11.70	mm
C	4.00	0.20	0.20	4.20	3.80	mm
D	12.25	0.20	0.20	12.45	12.05	mm
E	10.25	0.25	0.25	10.50	10.00	mm
F	4.85	0.20	0.20	5.05	4.65	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C92	580	25%	25%	nH/turns ²

Power loss: 3C92

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.540	W/set

Bsat

Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C92	370	mT