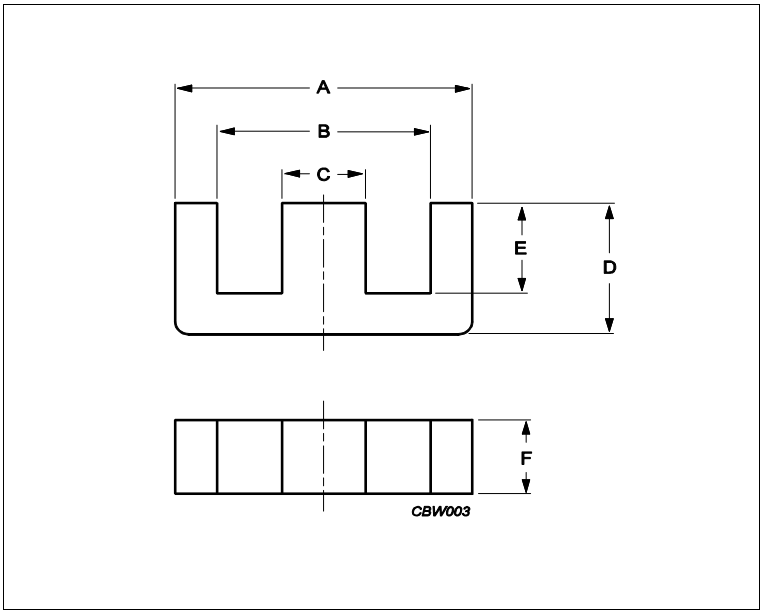
Core **E100/60/28**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	0.371	mm^{-1}
Ve	*effective volume*	202000	mm^3
Le	*effective length*	274	mm
Ae	*effective area*	738	mm^2
Amin	*minimum area*	692	mm^2
m	*E100/60/28*	≈ 493	g/pcs

Dimensions for product: E100/60/28						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	100.30	2.00	2.00	102.30	98.30	mm
B	73.15	1.15	1.15	74.30	72.00	mm
C	27.50	0.50	0.50	28.00	27.00	mm
D	59.40	0.47	0.47	59.87	58.93	mm
E	46.85	0.38	0.38	47.23	46.47	mm
F	27.50	0.50	0.50	28.00	27.00	mm

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C92	4800	25%	25%	$nH/turns^2$
3C94	7100	25%	25%	$nH/turns^2$
3C95	9010	25%	25%	$nH/turns^2$

Power loss: 3C92				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	120.000	W/set
Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	120.000	W/set
Power loss: 3C95				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	120.000	W/set
100 kHz	200 mT	25 ºC	120.000	W/set

Core **E100/60/28**

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 ºC	3C92	370	mT
25 kHz	250 A/m	100 ºC	3C94	320	mT
25 kHz	250 A/m	100 ºC	3C95	330	mT