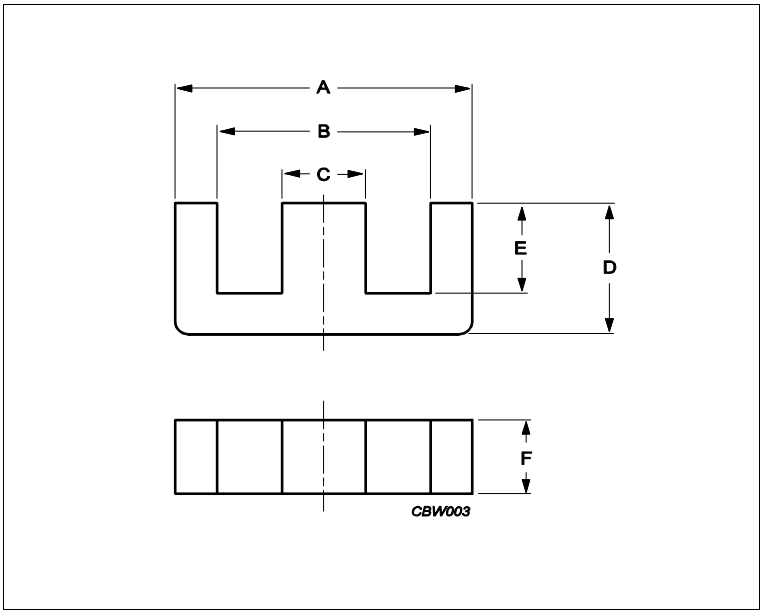
Core **E35/18/10**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	0.807	mm^{-1}
Ve	*effective volume*	8070	mm^3
Le	*effective length*	80.7	mm
Ae	*effective area*	100	mm^2
Amin	*minimum area*	100	mm^2
m	*E35/18/10*	≈ 20	g/pcs

Dimensions for product: E35/18/10						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	35.00	0.50	0.50	35.50	34.50	mm
B					24.50	mm
C	10.00	0.30	0.30	10.30	9.70	mm
D	17.50	0.25	0.25	17.75	17.25	mm
E	12.50	0.25	0.25	12.75	12.25	mm
F	10.00	0.30	0.30	10.30	9.70	mm

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C94	2500	25%	25%	$nH/turns^2$
3C95	2980	25%	25%	$nH/turns^2$
3F36	1800	25%	25%	$nH/turns^2$

Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	4.000	W/set
Power loss: 3C95				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	3.900	W/set
100 kHz	200 mT	25 ºC	4.200	W/set
Power loss: 3F36				
Measuring conditions			**Max**	**Unit**
500 kHz	50 mT	100 ºC	1.200	W/set
500 kHz	100 mT	100 ºC	9.300	W/set

Core **E35/18/10**

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 ºC	3C94	320	mT
25 kHz	250 A/m	100 ºC	3C95	330	mT
25 kHz	250 A/m	100 ºC	3F36	340	mT