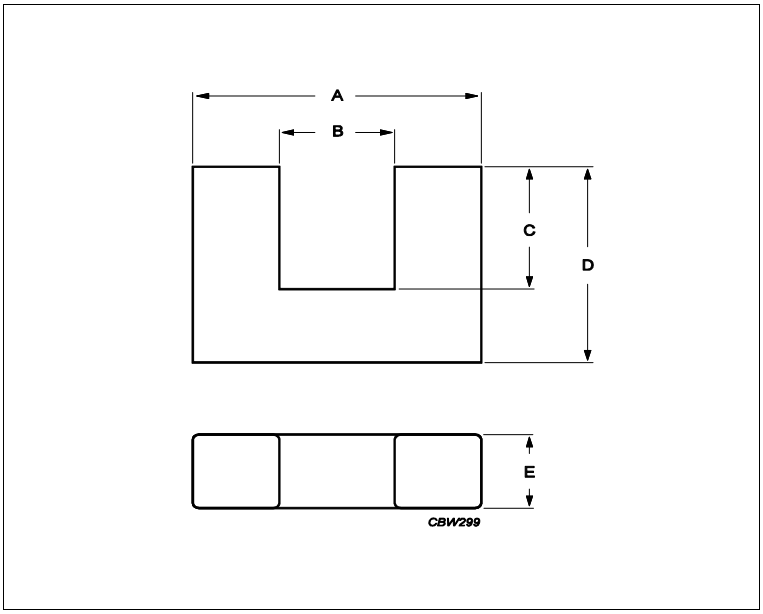
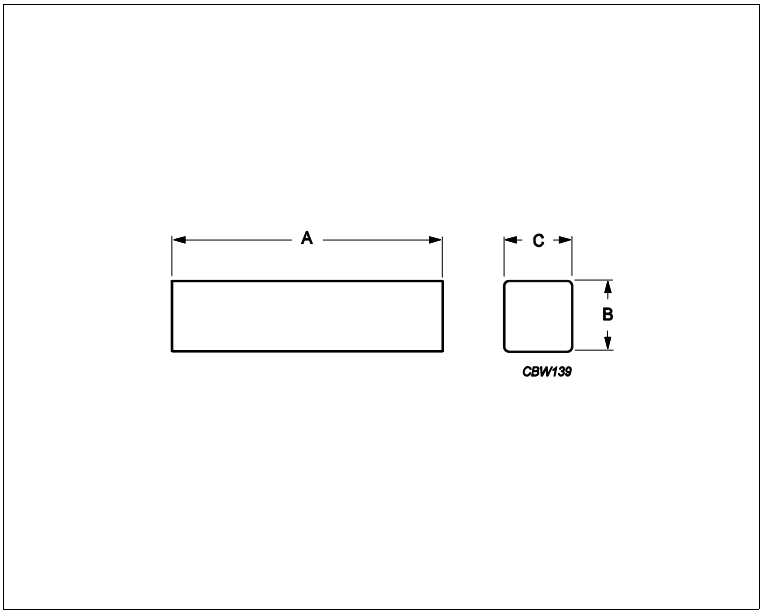
Core **U93/52/30 + I93/28/30**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	0.251	mm^{-1}
Ve	*effective volume*	175000	mm^3
Le	*effective length*	210	mm
Ae	*effective area*	836	mm^2
Amin	*minimum area*		mm^2
m	*U93/52/30*	≈ 560	g/pcs
m	*I93/28/30*	≈ 370	g/pcs



Dimensions for product: I93/28/30						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	93.00	1.80	1.80	94.80	91.20	mm
B	27.50	0.50	0.50	28.00	27.00	mm
C	30.00	0.60	0.60	30.60	29.40	mm
Dimensions for product: U93/52/30						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	93.00	1.80	1.80	94.80	91.20	mm
B	36.20	1.20	1.20	37.40	35.00	mm
C	24.00	0.45	0.45	24.45	23.55	mm
D	52.00	0.50	0.50	52.50	51.50	mm
E	30.00	0.60	0.60	30.60	29.40	mm

Core U93/52/30 + I93/28/30

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C90	10700	25%	25%	nH/turns²
3C94	10700	25%	25%	nH/turns²

Power loss: 3C90				
Measuring conditions			**Max**	**Unit**
25 kHz	200 mT	100 ºC	28.000	W/set
Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	130.000	W/set

Bsat					
Measuring conditions			**Material**	**Min**	**Unit**
25 kHz	250 A/m	100 ºC	3C90	320	mT
25 kHz	250 A/m	100 ºC	3C94	320	mT