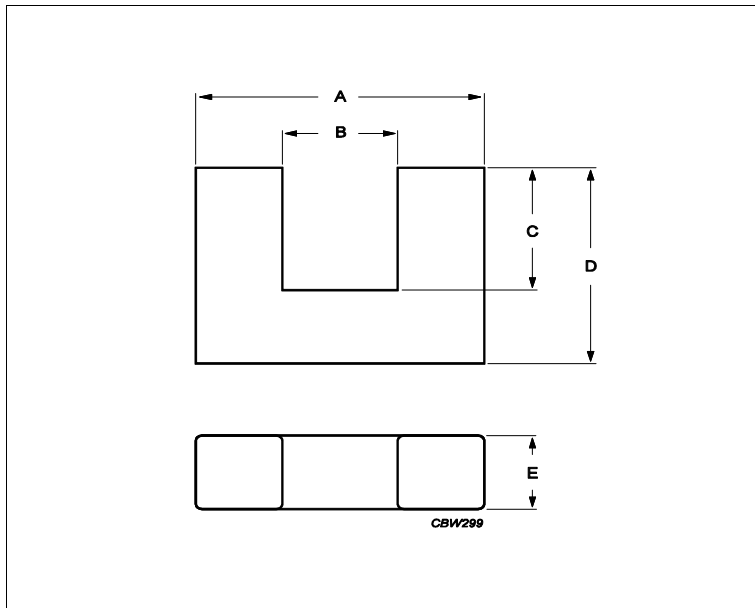


Core **U93/52/30**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.307	mm ⁻¹
Ve	effective volume	217000	mm ³
Le	effective length	258	mm
Ae	effective area	840	mm ²
Amin	minimum area		mm ²
m	U93/52/30	≈ 560	g/pcs

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

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C90	8700	25%	25%	nH/turns ²
3C94	8700	25%	25%	nH/turns ²

Power loss: 3C90

Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	35.000	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	160.000	W/set

Bsat

Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C90	320	mT
25 kHz	250 A/m	100 °C	3C94	320	mT