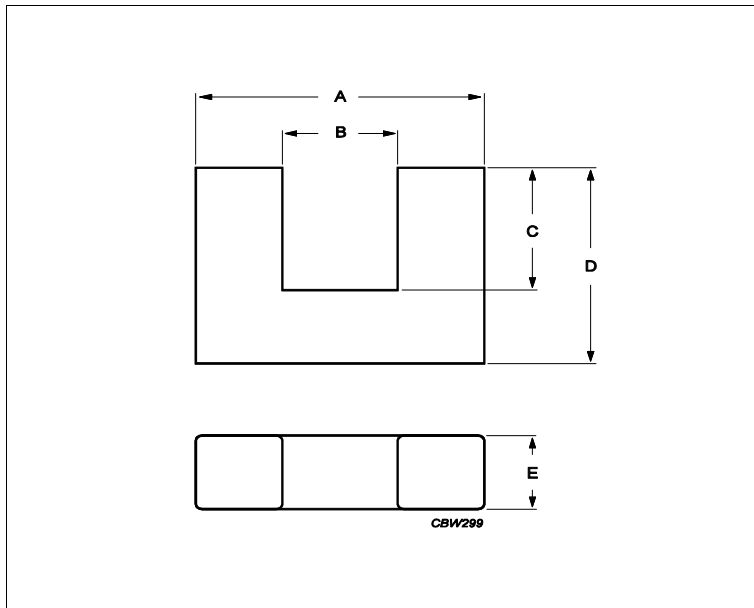


Core **U93/76/16**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.79	mm ⁻¹
Ve	effective volume	159000	mm ³
Le	effective length	354	mm
Ae	effective area	448	mm ²
Amin	minimum area		mm ²
m	U93/76/16	≈ 400	g/pcs

Dimensions for product: U93/76/16

	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	48.00	0.90	0.90	48.90	47.10	mm
D	79.00	0.50	0.50	79.50	78.50	mm
E	16.00	0.60	0.60	16.60	15.40	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C90	3400	25%	25%	nH/turns ²
3C94	3400	25%	25%	nH/turns ²

Power loss: 3C90

Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	20.000	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	92.000	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