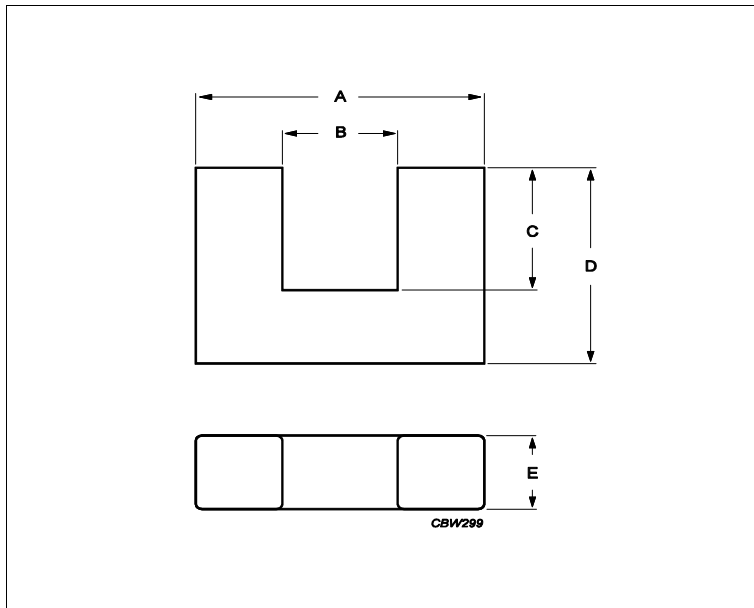


Core **U30/25/16**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.69	mm ⁻¹
Ve	effective volume	17900	mm ³
Le	effective length	111	mm
Ae	effective area	161	mm ²
Amin	minimum area		mm ²
m	U30/25/16	≈ 43	g/pcs

Dimensions for product: U30/25/16

	Nom	Tol +	Tol -	Max	Min	Unit
A	31.30	0.70	0.70	32.00	30.60	mm
B	10.50	0.50	0.50	11.00	10.00	mm
C	14.90	0.40	0.40	15.30	14.50	mm
D	25.30	0.20	0.20	25.50	25.10	mm
E	16.00	0.50	0.10	16.50	15.90	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C90	3700	25%	25%	nH/turns ²
3C94	3700	25%	25%	nH/turns ²

Power loss: 3C90

Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	2.100	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	8.900	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