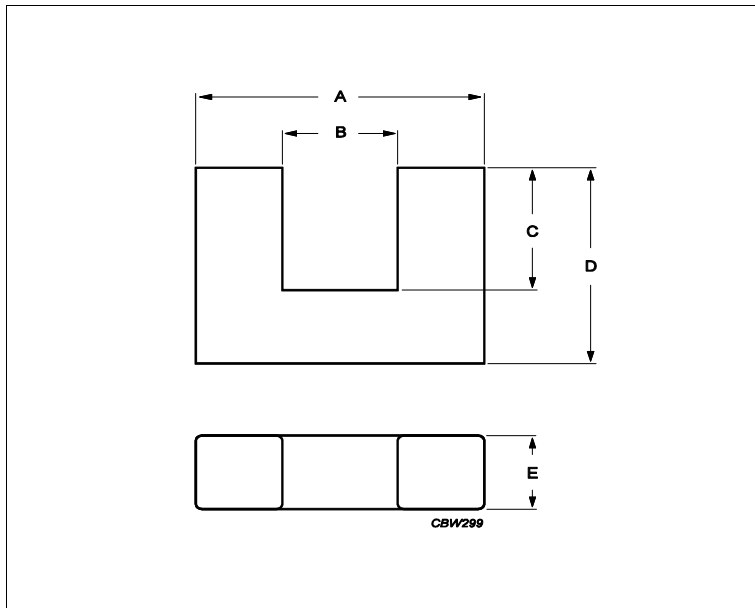


Core **U25/20/13**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.85	mm ⁻¹
Ve	effective volume	9180	mm ³
Le	effective length	88.2	mm
Ae	effective area	104	mm ²
Amin	minimum area		mm ²
m	U25/20/13	≈ 23.5	g/pcs

Dimensions for product: U25/20/13

	Nom	Tol +	Tol -	Max	Min	Unit
A	24.80	0.70	0.70	25.50	24.10	mm
B	8.40	0.40	0.40	8.80	8.00	mm
C	11.40	0.40	0.40	11.80	11.00	mm
D	19.60	0.20	0.20	19.80	19.40	mm
E	12.70	0.30	0.30	13.00	12.40	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C90	2900	25%	25%	nH/turns ²
3C94	2900	25%	25%	nH/turns ²

Power loss: 3C90

Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	1.100	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	4.600	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