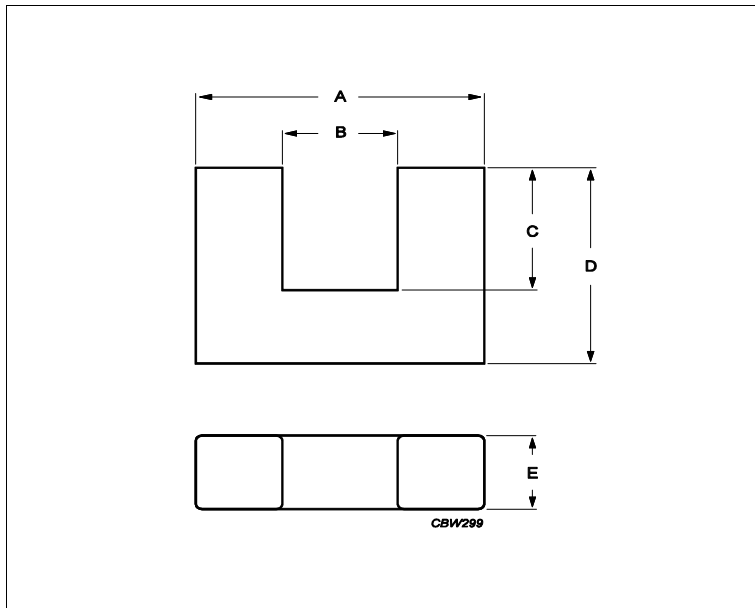


Core **U100/57/25**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.478	mm ⁻¹
Ve	effective volume	199000	mm ³
Le	effective length	308	mm
Ae	effective area	645	mm ²
Amin	minimum area		mm ²
m	U100/57/25	≈ 500	g/pcs

Dimensions for product: U100/57/25

	Nom	Tol +	Tol -	Max	Min	Unit
A	101.60	2.00	2.00	103.60	99.60	mm
B	50.80	1.00	1.00	51.80	49.80	mm
C	31.70	0.75	0.75	32.45	30.95	mm
D	57.10	0.40	0.40	57.50	56.70	mm
E	25.40	0.80	0.80	26.20	24.60	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C90	5500	25%	25%	nH/turns ²
3C94	5500	25%	25%	nH/turns ²

Power loss: 3C90

Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	28.000	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	130.000	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