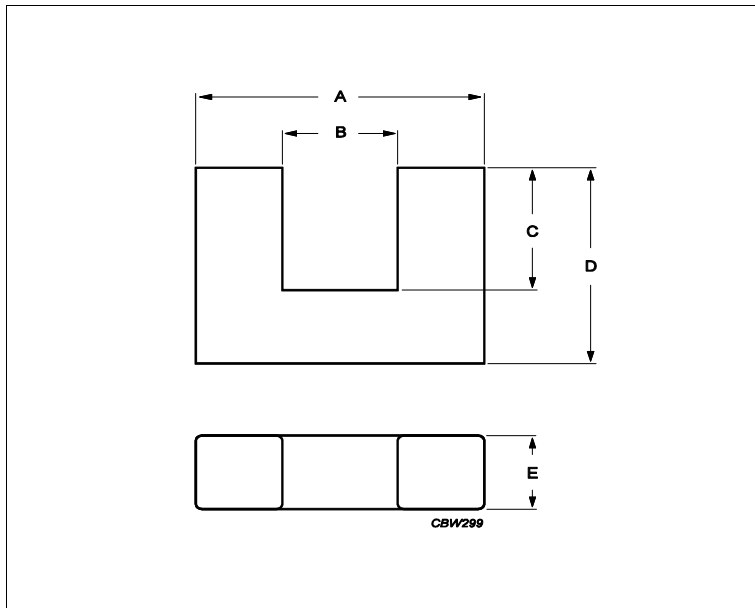


Core **U100/57/25**



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

**Dimensions for product: U100/57/25**

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

**Inductance factor**

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

**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