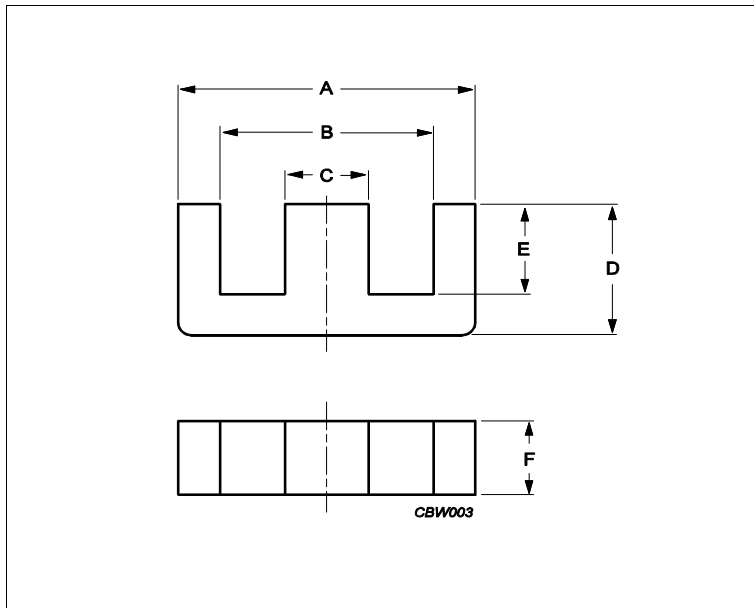


## Core **E100/60/28**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.371	mm <sup>-1</sup>
<b>Ve</b>	effective volume	202000	mm <sup>3</sup>
<b>Le</b>	effective length	274	mm
<b>Ae</b>	effective area	738	mm <sup>2</sup>
<b>Amin</b>	minimum area	692	mm <sup>2</sup>
<b>m</b>	E100/60/28	≈ 493	g/pcs

Dimensions for product: E100/60/28						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	100.30	2.00	2.00	102.30	98.30	mm
<b>B</b>	73.15	1.15	1.15	74.30	72.00	mm
<b>C</b>	27.50	0.50	0.50	28.00	27.00	mm
<b>D</b>	59.40	0.47	0.47	59.87	58.93	mm
<b>E</b>	46.85	0.38	0.38	47.23	46.47	mm
<b>F</b>	27.50	0.50	0.50	28.00	27.00	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C92	4800	25%	25%	nH/turns <sup>2</sup>	
3C94	7100	25%	25%	nH/turns <sup>2</sup>	
3C95	9010	25%	25%	nH/turns <sup>2</sup>	

Power loss: 3C92					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	120.000	W/set	
Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	120.000	W/set	
Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	120.000	W/set	
100 kHz	200 mT	25 °C	120.000	W/set	

Core **E100/60/28**

<b>Bsat</b>					
<b>Measuring conditions</b>			<b>Material</b>	<b>Min</b>	<b>Unit</b>
25 kHz	250 A/m	100 °C	3C92	370	mT
25 kHz	250 A/m	100 °C	3C94	320	mT
25 kHz	250 A/m	100 °C	3C95	330	mT