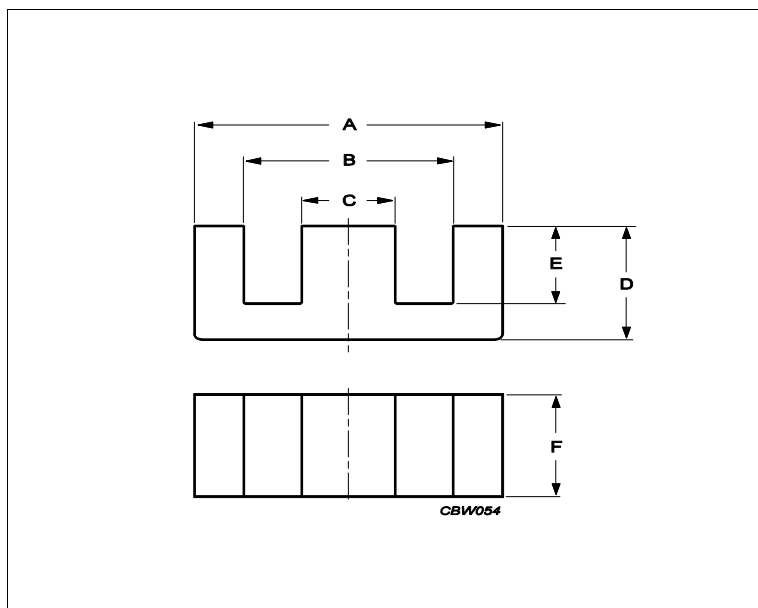


Core **E13/6/6**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.37	mm <sup>-1</sup>
<b>Ve</b>	effective volume	559	mm <sup>3</sup>
<b>Le</b>	effective length	27.7	mm
<b>Ae</b>	effective area	20.2	mm <sup>2</sup>
<b>Amin</b>	minimum area	20.2	mm <sup>2</sup>
<b>m</b>	E13/6/6	≈ 1.4	g/pcs

Dimensions for product: E13/6/6

	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	12.70	0.25	0.25	12.95	12.45	mm
<b>B</b>	9.50	0.25	0.25	9.75	9.25	mm
<b>C</b>	3.20	0.13	0.13	3.33	3.07	mm
<b>D</b>	5.70	0.13	0.13	5.83	5.57	mm
<b>E</b>	4.10	0.13	0.13	4.23	3.97	mm
<b>F</b>	6.40	0.13	0.13	6.53	6.27	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	1470	25%	25%	nH/turns <sup>2</sup>
3C96	1250	25%	25%	nH/turns <sup>2</sup>
3F36	960	25%	25%	nH/turns <sup>2</sup>

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.280	W/set

Power loss: 3C96

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.250	W/set
400 kHz	50 mT	100 °C	0.100	W/set

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.084	W/set
500 kHz	100 mT	100 °C	0.640	W/set

Core **E13/6/6**

<b>Bsat</b>					
<b>Measuring conditions</b>			<b>Material</b>	<b>Min</b>	<b>Unit</b>
25 kHz	250 A/m	100 °C	3C94	320	mT
25 kHz	250 A/m	100 °C	3C96	340	mT
25 kHz	250 A/m	100 °C	3F36	340	mT