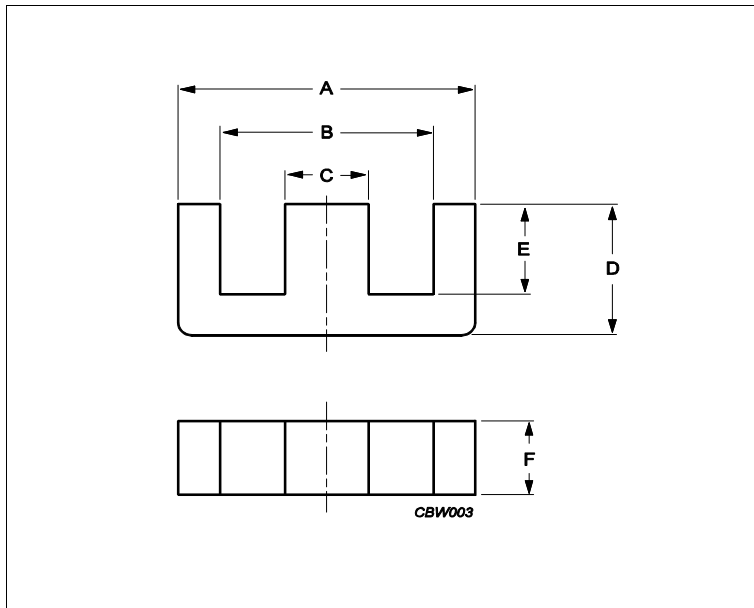


## Core **E20/10/5**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.37	mm <sup>-1</sup>
<b>Ve</b>	effective volume	1340	mm <sup>3</sup>
<b>Le</b>	effective length	42.8	mm
<b>Ae</b>	effective area	31.2	mm <sup>2</sup>
<b>Amin</b>	minimum area	25.2	mm <sup>2</sup>
<b>m</b>	E20/10/5	≈ 4	g/pcs

### Dimensions for product: E20/10/5

	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	20.70	0.00	1.10	20.70	19.60	mm
<b>B</b>	12.80	0.80	0.00	13.60	12.80	mm
<b>C</b>	5.20	0.00	0.40	5.20	4.80	mm
<b>D</b>	10.00	0.20	0.20	10.20	9.80	mm
<b>E</b>	6.30	0.40	0.00	6.70	6.30	mm
<b>F</b>	5.30	0.00	0.40	5.30	4.90	mm

### Inductance factor

Material	Value	Tol +	Tol -	Unit
3C92	1170	25%	25%	nH/turns <sup>2</sup>
3C94	1500	25%	25%	nH/turns <sup>2</sup>
3C96	1400	25%	25%	nH/turns <sup>2</sup>
3F36	1000	25%	25%	nH/turns <sup>2</sup>

### Power loss: 3C92

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.670	W/set

### Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.670	W/set

### Power loss: 3C96

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.600	W/set
400 kHz	50 mT	100 °C	0.240	W/set

## Core **E20/10/5**

### Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.200	W/set
500 kHz	100 mT	100 °C	1.500	W/set

### Bsat

Measuring conditions			Material	Min	Unit
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	3C96	340	mT
25 kHz	250 A/m	100 °C	3F36	340	mT

### Accessories

Ordering name	Description	Ordering code
CLA-E20/10/5	Clasp	432202120162
CPV-E20/10/5-1S-6P	Coil former, termoplastic, vertical	432202120292
CSH-E20/10/5-1S-8P-C	Coil former, termoset, horizontal	432202107331
CSH-E20/10/5-1S-8P-IZ	Coil former, termoset, horizontal	432202106831
SPR-E20/10/5	Spring	432202120222