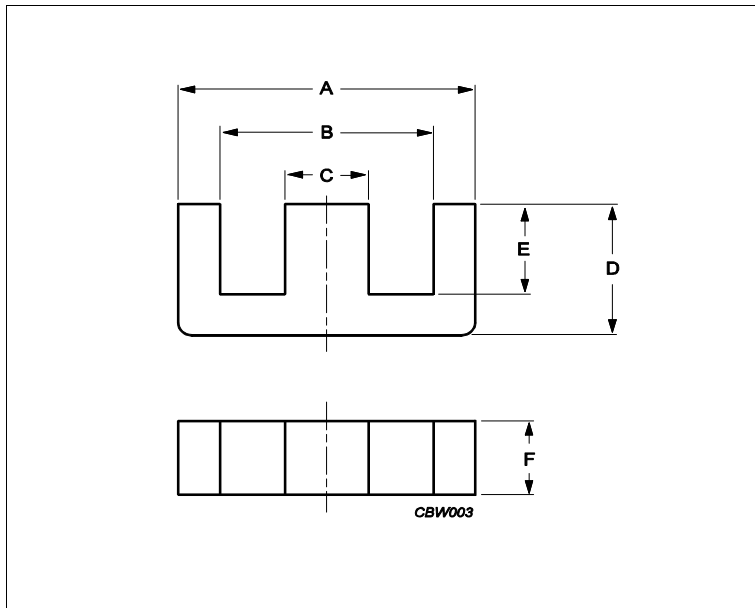


Core **E25/13/7**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.11	mm <sup>-1</sup>
<b>Ve</b>	effective volume	2990	mm <sup>3</sup>
<b>Le</b>	effective length	58	mm
<b>Ae</b>	effective area	52	mm <sup>2</sup>
<b>Amin</b>	minimum area	52	mm <sup>2</sup>
<b>m</b>	E25/13/7	≈ 8	g/pcs

Dimensions for product: E25/13/7

	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	25.00	0.80	0.70	25.80	24.30	mm
<b>B</b>	17.50	1.00	0.00	18.50	17.50	mm
<b>C</b>	7.50	0.00	0.50	7.50	7.00	mm
<b>D</b>	12.80	0.00	0.50	12.80	12.30	mm
<b>E</b>	8.70	0.50	0.00	9.20	8.70	mm
<b>F</b>	7.50	0.00	0.50	7.50	7.00	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C92	1450	25%	25%	nH/turns <sup>2</sup>
3C94	1900	25%	25%	nH/turns <sup>2</sup>
3C96	1650	25%	25%	nH/turns <sup>2</sup>
3F36	1300	25%	25%	nH/turns <sup>2</sup>

Power loss: 3C92

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.500	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.500	W/set

Power loss: 3C96

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.300	W/set
400 kHz	50 mT	100 °C	0.540	W/set

Core **E25/13/7**

### Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.450	W/set
500 kHz	100 mT	100 °C	3.400	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
CLI-E25/13/7	Clip	432202100401
CPH-E25/13/7-1S-10P	Coil former, termoplastic, horizontal	432202100391
CPV-E25/13/7-1S-10P-Z	Coil former, termoplastic, vertical	432202106421
CSH-E25/13/7-1S-8P-C	Coil former, termoset, horizontal	432202104091
CSV-E25/13/7-1S-6P-C	Coil former, termoset, vertical	432202104461