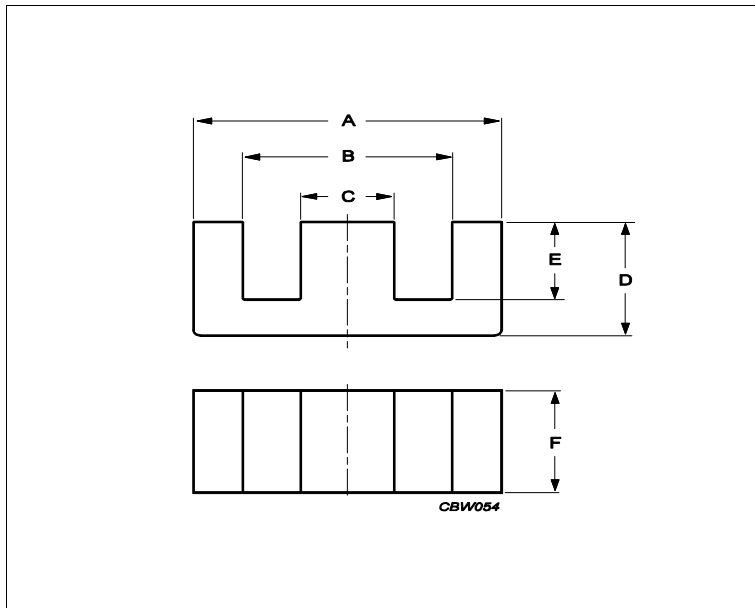


## Core **E56/24/19**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.32	mm <sup>-1</sup>
<b>Ve</b>	effective volume	36000	mm <sup>3</sup>
<b>Le</b>	effective length	107	mm
<b>Ae</b>	effective area	337	mm <sup>2</sup>
<b>Amin</b>	minimum area	337	mm <sup>2</sup>
<b>m</b>	E56/24/19	≈ 90	g/pcs

Dimensions for product: E56/24/19						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	56.10	1.00	1.00	57.10	55.10	mm
<b>B</b>					38.10	mm
<b>C</b>	18.80	0.25	0.25	19.05	18.55	mm
<b>D</b>	23.60	0.25	0.25	23.85	23.35	mm
<b>E</b>	14.60	0.13	0.13	14.73	14.47	mm
<b>F</b>	18.80	0.25	0.25	19.05	18.55	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C91	9500	25%	25%	nH/turns <sup>2</sup>	
3C92	5200	25%	25%	nH/turns <sup>2</sup>	
3C94	6900	25%	25%	nH/turns <sup>2</sup>	
3C95	9500	25%	25%	nH/turns <sup>2</sup>	

Power loss: 3C91					
Measuring conditions			Max	Unit	
100 kHz	200 mT	60 °C	18.000	W/set	
Power loss: 3C92					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	18.000	W/set	
Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	18.000	W/set	

## Core **E56/24/19**

### Power loss: 3C95

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	17.000	W/set
100 kHz	200 mT	25 °C	19.000	W/set

### Bsat

Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C91	320	mT
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

### Accessories

Ordering name	Description	Ordering code
CPH-E56/24/19-1S-12PD-Z	Coil former, termoplastic, horizontal	433506027151