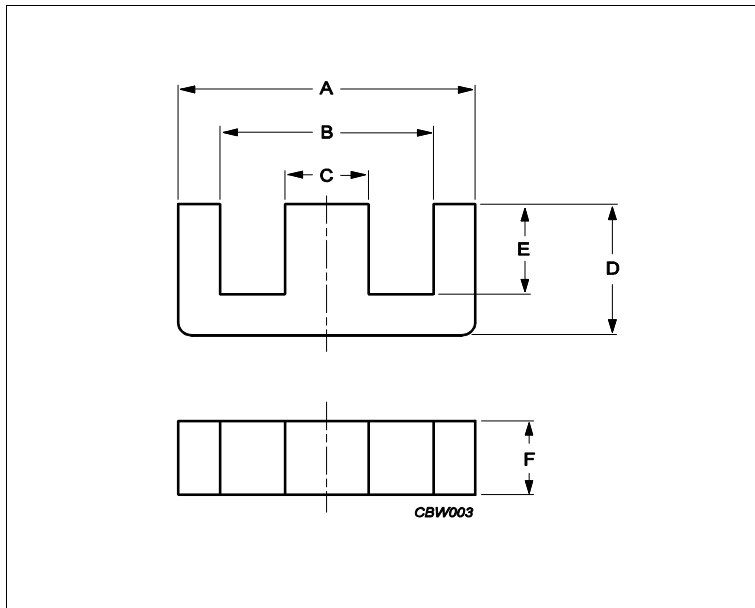


Core **E34/14/9**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.85	mm ⁻¹
Ve	effective volume	5590	mm ³
Le	effective length	69.3	mm
Ae	effective area	80.7	mm ²
Amin	minimum area	80.7	mm ²
m	E34/14/9	≈ 14	g/pcs

Dimensions for product: E34/14/9

	Nom	Tol +	Tol -	Max	Min	Unit
A	34.30	0.60	0.60	34.90	33.70	mm
B					25.50	mm
C	9.30	0.20	0.20	9.50	9.10	mm
D	14.10	0.15	0.15	14.25	13.95	mm
E	9.80	0.13	0.13	9.93	9.67	mm
F	9.30	0.25	0.25	9.55	9.05	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C92	1850	25%	25%	nH/turns ²
3C94	2440	25%	25%	nH/turns ²
3C96	2125	25%	25%	nH/turns ²
3F36	1700	25%	25%	nH/turns ²

Power loss: 3C92

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.800	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.800	W/set

Power loss: 3C96

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.500	W/set
400 kHz	50 mT	100 °C	1.000	W/set

Core **E34/14/9**

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.840	W/set
500 kHz	100 mT	100 °C	6.400	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
CPH-E34/14/9-1S-12PD-Z	Coil former, termoplastic, horizontal	433506027091