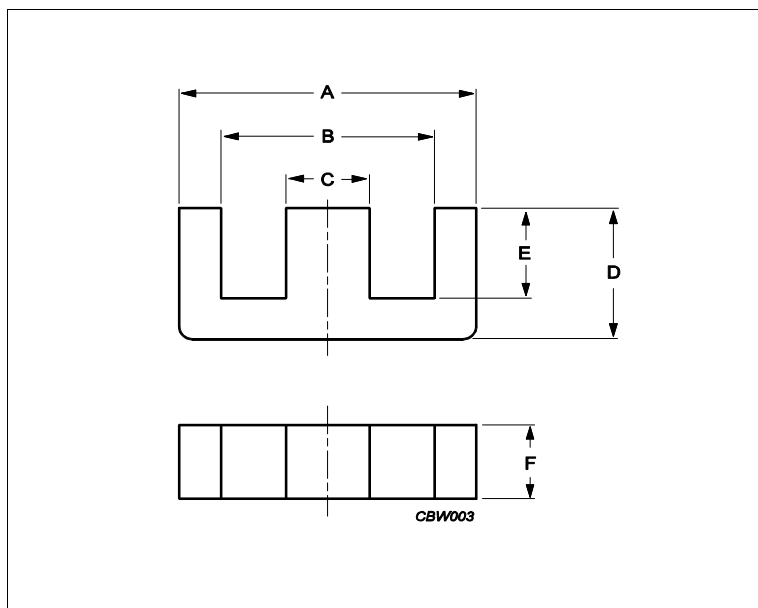


Core **E32/16/9**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.894	mm ⁻¹
Ve	effective volume	6180	mm ³
Le	effective length	74	mm
Ae	effective area	83	mm ²
Amin	minimum area	83	mm ²
m	E32/16/9	≈ 16	g/pcs

Dimensions for product: E32/16/9

	Nom	Tol +	Tol -	Max	Min	Unit
A	32.00	0.90	0.70	32.90	31.30	mm
B	22.70	1.20	0.00	23.90	22.70	mm
C	9.50	0.00	0.60	9.50	8.90	mm
D	16.40	0.00	0.40	16.40	16.00	mm
E	11.20	0.60	0.00	11.80	11.20	mm
F	9.50	0.00	0.70	9.50	8.80	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C92	1850	25%	25%	nH/turns ²
3C94	2500	25%	25%	nH/turns ²
3C96	2300	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	3.100	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	3.100	W/set

Power loss: 3C96

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.800	W/set
400 kHz	50 mT	100 °C	1.100	W/set

Core **E32/16/9**

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.930	W/set
500 kHz	100 mT	100 °C	7.100	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-E32/16/9-1S-12P	Coil former, termoplastic, horizontal	431202126222