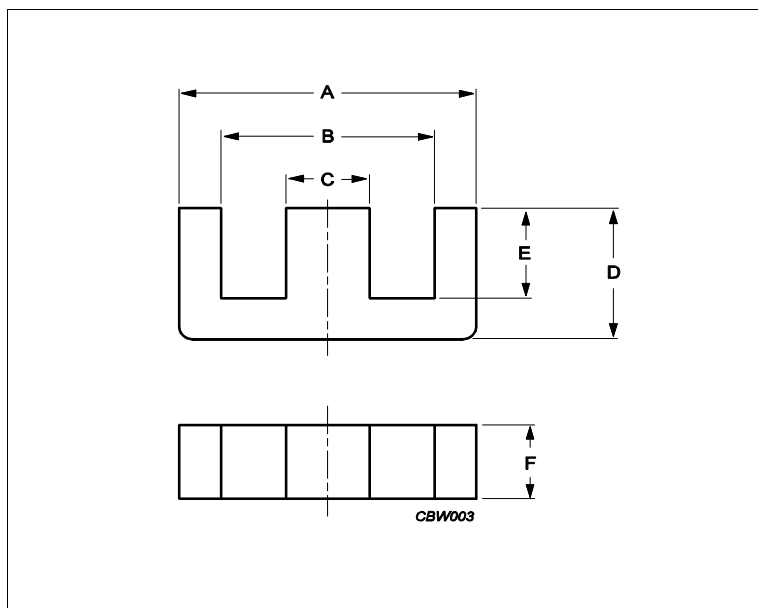


Core **E35/18/10**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.807	mm ⁻¹
Ve	effective volume	8070	mm ³
Le	effective length	80.7	mm
Ae	effective area	100	mm ²
Amin	minimum area	100	mm ²
m	E35/18/10	≈ 20	g/pcs

Dimensions for product: E35/18/10

	Nom	Tol +	Tol -	Max	Min	Unit
A	35.00	0.50	0.50	35.50	34.50	mm
B					24.50	mm
C	10.00	0.30	0.30	10.30	9.70	mm
D	17.50	0.25	0.25	17.75	17.25	mm
E	12.50	0.25	0.25	12.75	12.25	mm
F	10.00	0.30	0.30	10.30	9.70	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	2500	25%	25%	nH/turns ²
3C95	2980	25%	25%	nH/turns ²
3F36	1800	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	4.000	W/set

Power loss: 3C95

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	3.900	W/set
100 kHz	200 mT	25 °C	4.200	W/set

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	1.200	W/set
500 kHz	100 mT	100 °C	9.300	W/set

Core **E35/18/10**

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C94	320	mT
25 kHz	250 A/m	100 °C	3C95	330	mT
25 kHz	250 A/m	100 °C	3F36	340	mT