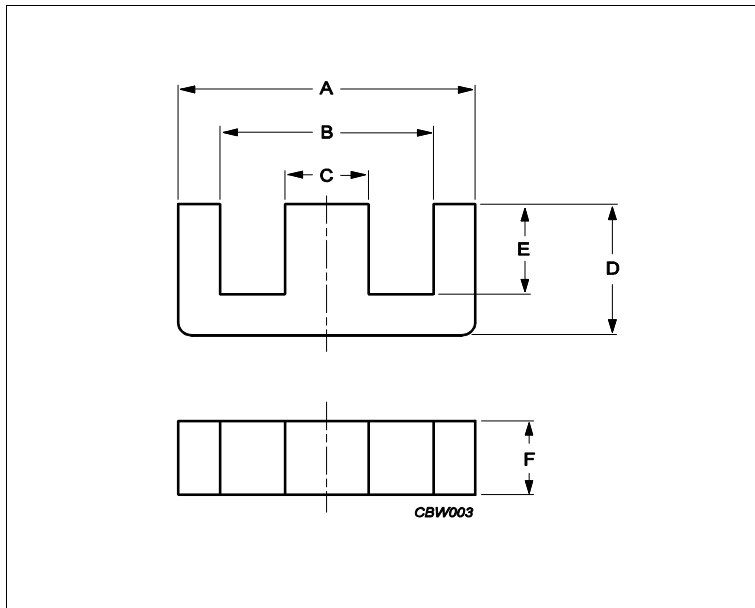


Core **E25/10/6**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.24	mm ⁻¹
Ve	effective volume	1930	mm ³
Le	effective length	49	mm
Ae	effective area	39.5	mm ²
Amin	minimum area	37	mm ²
m	E25/10/6	≈ 4.8	g/pcs

Dimensions for product: E25/10/6

	Nom	Tol +	Tol -	Max	Min	Unit
A	25.40	0.60	0.60	26.00	24.80	mm
B					18.80	mm
C	6.35	0.25	0.25	6.60	6.10	mm
D	9.65	0.20	0.20	9.85	9.45	mm
E					6.40	mm
F	6.35	0.25	0.25	6.60	6.10	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C92	1320	25%	25%	nH/turns ²
3C94	1600	25%	25%	nH/turns ²
3C96	1470	25%	25%	nH/turns ²
3F36	1200	25%	25%	nH/turns ²

Power loss: 3C92

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.960	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.960	W/set

Power loss: 3C96

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.870	W/set
400 kHz	50 mT	100 °C	0.350	W/set

Core **E25/10/6**

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.290	W/set
500 kHz	100 mT	100 °C	2.200	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
CLM-E25/10/6	Clamp	433500042981
CP-E25/10/6-1S	Coil former, termoplastic	433500026961
CPH-E25/10/6-1S-10PD-C	Coil former, termoplastic, horizontal	432202127071