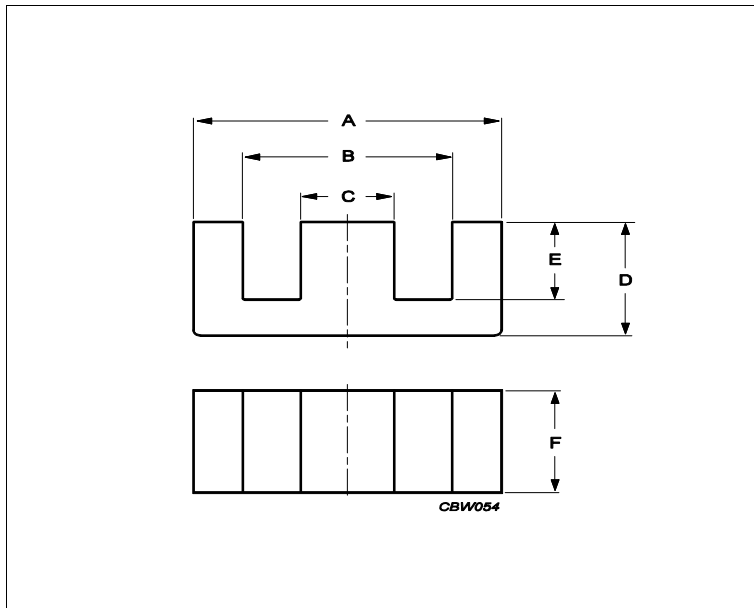


Core **E25/13/11**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.733	mm ⁻¹
Ve	effective volume	4500	mm ³
Le	effective length	57.5	mm
Ae	effective area	78.4	mm ²
Amin	minimum area	78.4	mm ²
m	E25/13/11	≈ 11	g/pcs

Dimensions for product: E25/13/11						
	Nom	Tol +	Tol -	Max	Min	Unit
A	25.00	0.80	0.70	25.80	24.30	mm
B	17.50	1.00	0.00	18.50	17.50	mm
C	7.50	0.00	0.50	7.50	7.00	mm
D	12.80	0.00	0.50	12.80	12.30	mm
E	8.70	0.50	0.00	9.20	8.70	mm
F	11.00	0.00	0.50	11.00	10.50	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C92	2200	25%	25%	nH/turns ²	
3C94	2800	25%	25%	nH/turns ²	
3C96	2700	25%	25%	nH/turns ²	
3F36	2000	25%	25%	nH/turns ²	

Power loss: 3C92				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.300	W/set
Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.300	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.000	W/set
400 kHz	50 mT	100 °C	0.810	W/set

Core **E25/13/11**

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.670	W/set
500 kHz	100 mT	100 °C	5.200	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
CPV-E25/13/11-1S-8P	Coil former, termoplastic, vertical	432202107101

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