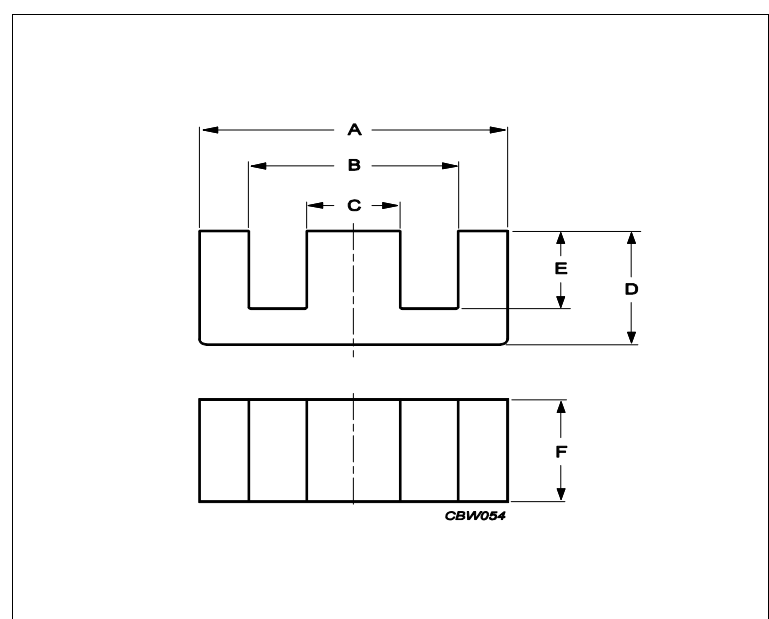


Core

E13/6/6



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.37	mm ⁻¹
Ve	effective volume	559	mm ³
Le	effective length	27.7	mm
Ae	effective area	20.2	mm ²
Amin	minimum area	20.2	mm ²
m	E13/6/6	≈ 1.4	g/pcs

Dimensions for product: E13/6/6						
	Nom	Tol +	Tol -	Max	Min	Unit
A	12.70	0.25	0.25	12.95	12.45	mm
B	9.50	0.25	0.25	9.75	9.25	mm
C	3.20	0.13	0.13	3.33	3.07	mm
D	5.70	0.13	0.13	5.83	5.57	mm
E	4.10	0.13	0.13	4.23	3.97	mm
F	6.40	0.13	0.13	6.53	6.27	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C94	1470	25%	25%	nH/turns ²
3C96	1250	25%	25%	nH/turns ²
3F36	960	25%	25%	nH/turns ²

Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.280	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.250	W/set
400 kHz	50 mT	100 °C	0.100	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.084	W/set
500 kHz	100 mT	100 °C	0.640	W/set

Core **E13/6/6**

Bsat					
Measuring conditions			Material	Min	Unit
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