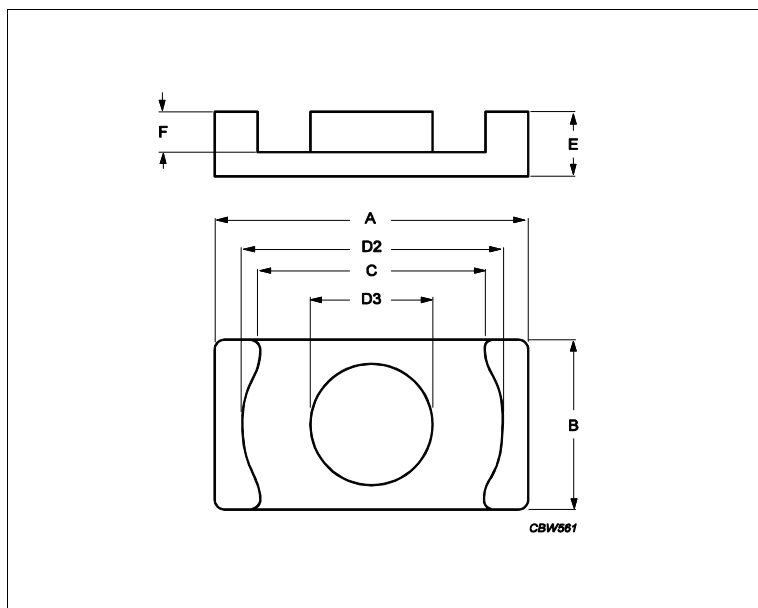
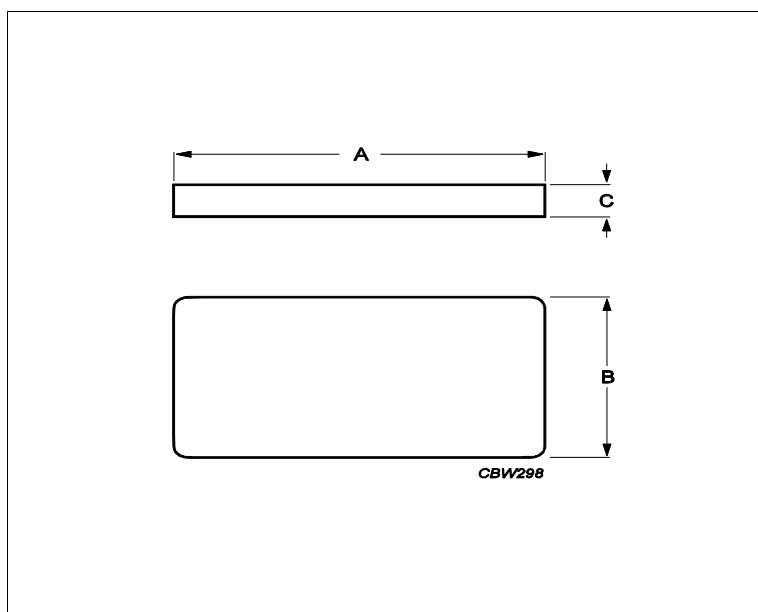


Core **EQ13 + PLT13/9/1**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.803	mm ⁻¹
Ve	effective volume	315	mm ³
Le	effective length	15.9	mm
Ae	effective area	19.8	mm ²
Amin	minimum area	19.2	mm ²
m	EQ13	≈ 0.8	g/pcs
m	PLT13/9/1	≈ 0.6	g/pcs



Dimensions for product: EQ13						
	Nom	Tol +	Tol -	Max	Min	Unit
A	12.80	0.30	0.30	13.10	12.50	mm
B	8.70	0.25	0.25	8.95	8.45	mm
C	9.05	0.30	0.30	9.35	8.75	mm
D2	11.20	0.30	0.30	11.50	10.90	mm
D3	5.00	0.15	0.15	5.15	4.85	mm
E	2.85	0.08	0.08	2.93	2.78	mm
F	1.75	0.13	0.13	1.88	1.63	mm
Dimensions for product: PLT13/9/1						
	Nom	Tol +	Tol -	Max	Min	Unit
A	12.80	0.30	0.30	13.10	12.50	mm

Core **EQ13 + PLT13/9/1**

Dimensions for product: PLT13/9/1						
	Nom	Tol +	Tol -	Max	Min	Unit
B	8.70	0.25	0.25	8.95	8.45	mm
C	1.10	0.10	0.10	1.20	1.00	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C95	2000	25%	25%	nH/turns ²	
3C96	1600	25%	25%	nH/turns ²	
3F36	1400	25%	25%	nH/turns ²	
3F46	950	25%	25%	nH/turns ²	

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.150	W/set
100 kHz	200 mT	25 °C	0.160	W/set

Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.140	W/set
400 kHz	50 mT	100 °C	0.057	W/set

Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.047	W/set
500 kHz	100 mT	100 °C	0.360	W/set

Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.130	W/set
3000 kHz	10 mT	100 °C	0.031	W/set

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C95	330	mT
25 kHz	250 A/m	100 °C	3C96	340	mT
25 kHz	250 A/m	100 °C	3F36	340	mT
25 kHz	250 A/m	100 °C	3F46	330	mT