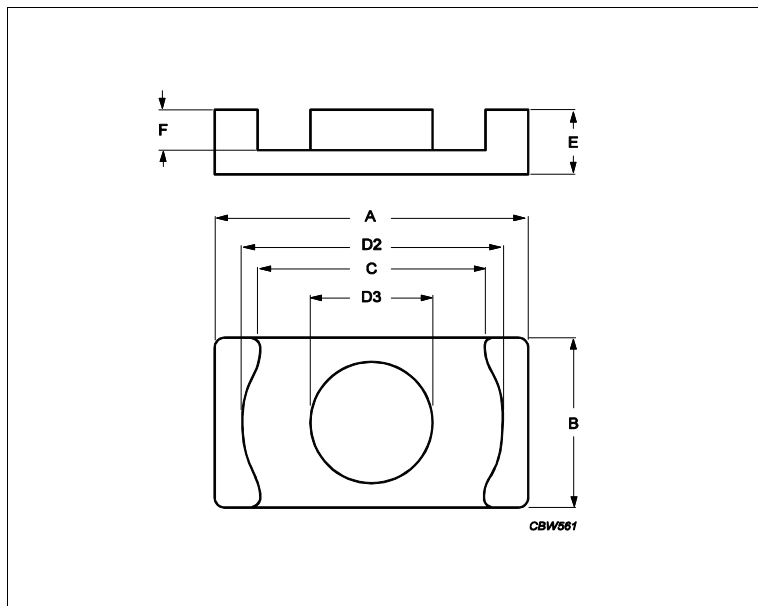
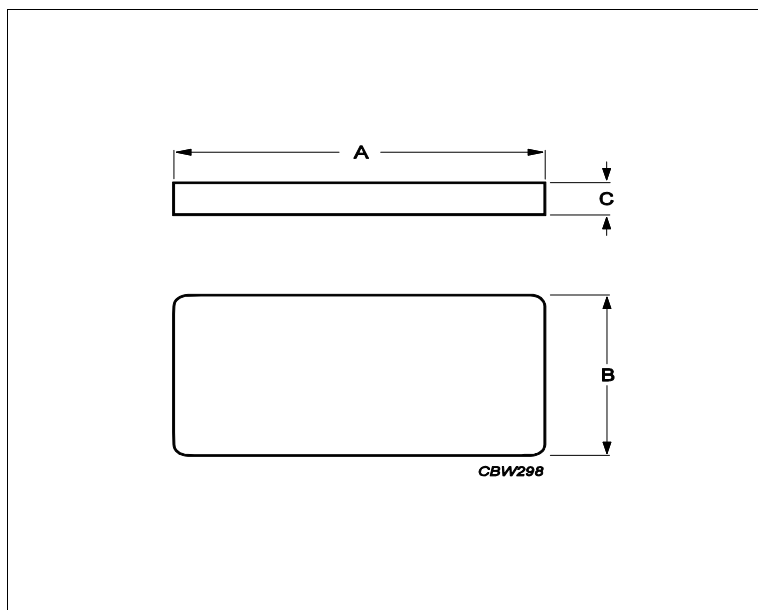


Core **EQ25/LP + PLT25/18/2**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.294	mm ⁻¹
Ve	effective volume	2370	mm ³
Le	effective length	26.4	mm
Ae	effective area	89.7	mm ²
Amin	minimum area	82.8	mm ²
m	EQ25/LP	≈ 8.2	g/pcs
m	PLT25/18/2	≈ 4.9	g/pcs



Dimensions for product: EQ25/LP						
	Nom	Tol +	Tol -	Max	Min	Unit
A	25.00	0.40	0.40	25.40	24.60	mm
B	18.00	0.30	0.30	18.30	17.70	mm
C	15.20	0.70	0.70	15.90	14.50	mm
D2	22.00	0.40	0.40	22.40	21.60	mm
D3	11.00	0.20	0.20	11.20	10.80	mm
E	5.60	0.05	0.05	5.65	5.55	mm
F	3.20	0.15	0.15	3.35	3.05	mm
Dimensions for product: PLT25/18/2						
	Nom	Tol +	Tol -	Max	Min	Unit
A	25.00	0.40	0.40	25.40	24.60	mm

Core **EQ25/LP + PLT25/18/2**

Dimensions for product: PLT25/18/2						
	Nom	Tol +	Tol -	Max	Min	Unit
B	18.00	0.30	0.30	18.30	17.70	mm
C	2.30	0.05	0.05	2.35	2.25	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C95	6100	25%	25%	nH/turns ²	
3C96	5600	25%	25%	nH/turns ²	
3F36	3800	25%	25%	nH/turns ²	
3F46	2600	25%	25%	nH/turns ²	

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.100	W/set
100 kHz	200 mT	25 °C	1.200	W/set

Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.100	W/set
400 kHz	50 mT	100 °C	0.430	W/set

Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.360	W/set
500 kHz	100 mT	100 °C	2.700	W/set

Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.950	W/set
3000 kHz	10 mT	100 °C	0.410	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