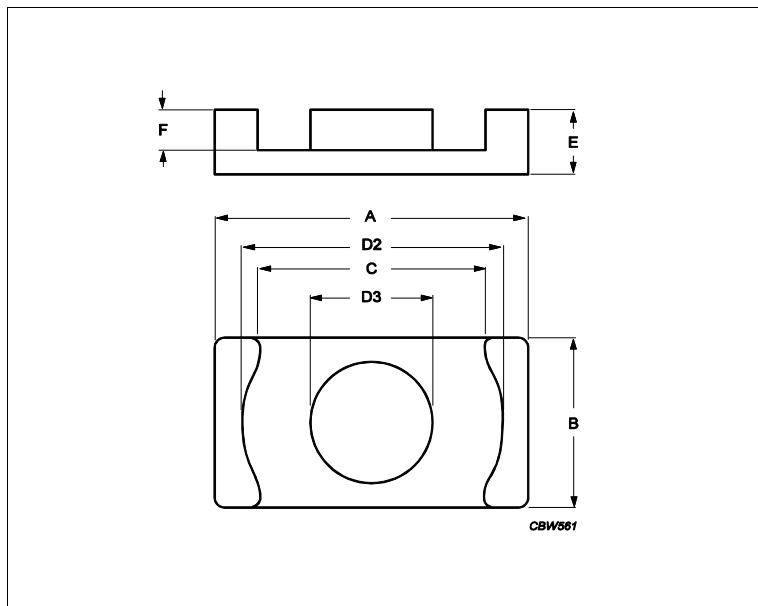
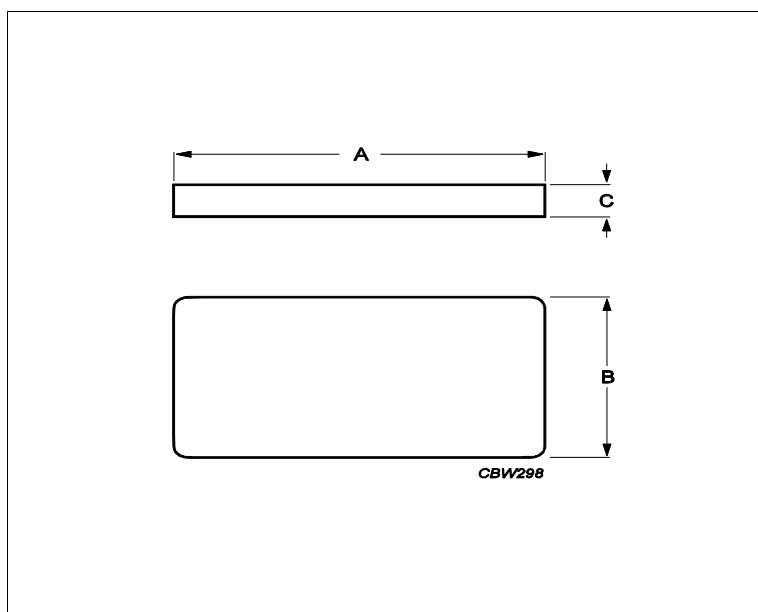


Core **EQ38/8/25 + PLT38/25/2.7**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.282	mm ⁻¹
Ve	effective volume	6190	mm ³
Le	effective length	41.7	mm
Ae	effective area	148	mm ²
Amin	minimum area	119	mm ²
m	EQ38/8/25	≈ 21.5	g/pcs
m	PLT38/25/2.7	≈ 14.6	g/pcs



Dimensions for product: EQ38/8/25						
	Nom	Tol +	Tol -	Max	Min	Unit
A	38.10	0.70	0.70	38.80	37.40	mm
B	25.40	0.50	0.50	25.90	24.90	mm
C	24.76	0.50	0.50	25.26	24.26	mm
D2	33.10	0.60	0.60	33.70	32.50	mm
D3	14.00	0.20	0.20	14.20	13.80	mm
E	8.00	0.15	0.15	8.15	7.85	mm
F	5.30	0.20	0.20	5.50	5.10	mm
Dimensions for product: PLT38/25/2.7						
	Nom	Tol +	Tol -	Max	Min	Unit
A	38.10	0.70	0.70	38.80	37.40	mm

Core **EQ38/8/25 + PLT38/25/2.7**

Dimensions for product: PLT38/25/2.7						
	Nom	Tol +	Tol -	Max	Min	Unit
B	25.40	0.50	0.50	25.90	24.90	mm
C	2.70	0.20	0.20	2.90	2.50	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C95	9500	25%	25%	nH/turns ²	
3C96	7000	25%	25%	nH/turns ²	
3F36	4800	25%	25%	nH/turns ²	
3F4	3500	25%	25%	nH/turns ²	

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	3.000	W/set
100 kHz	200 mT	25 °C	3.200	W/set

Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.800	W/set
400 kHz	50 mT	100 °C	1.100	W/set

Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.930	W/set
500 kHz	100 mT	100 °C	7.100	W/set

Power loss: 3F4				
Measuring conditions			Max	Unit
1000 kHz	30 mT	100 °C	1.900	W/set
3000 kHz	10 mT	100 °C	3.100	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	3F4	330	mT