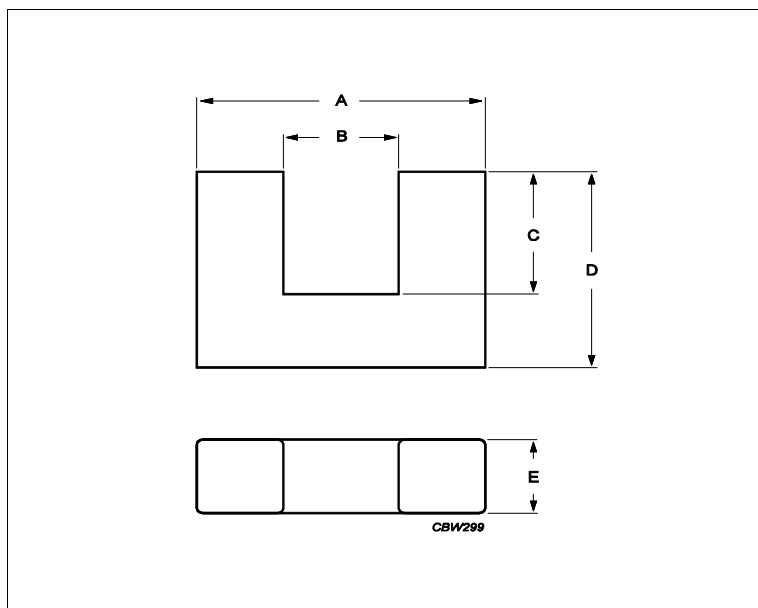
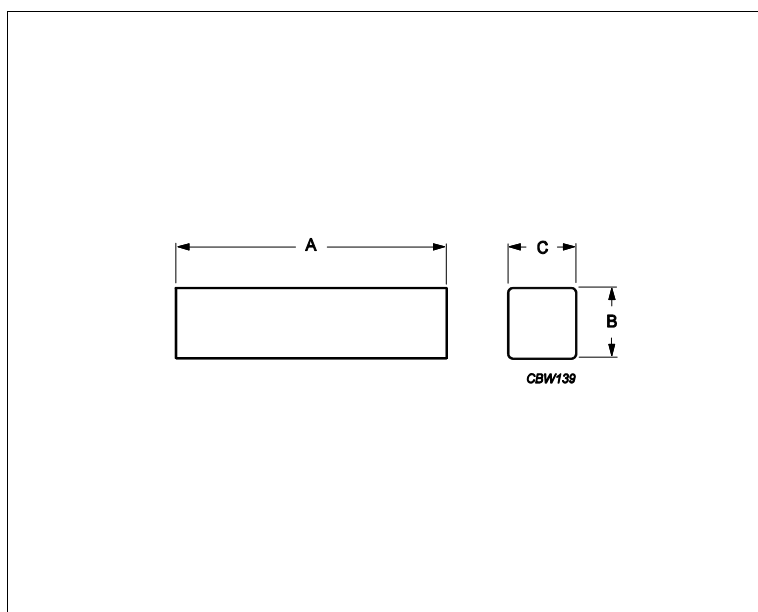


Core **U100/57/25 + I100/25/25**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.379	mm ⁻¹
Ve	effective volume	158000	mm ³
Le	effective length	245	mm
Ae	effective area	645	mm ²
Amin	minimum area		mm ²
m	U100/57/25	≈ 500	g/pcs
m	I100/25/25	≈ 300	g/pcs



Dimensions for product: I100/25/25						
	Nom	Tol +	Tol -	Max	Min	Unit
A	101.60	2.00	2.00	103.60	99.60	mm
B	25.40	0.80	0.80	26.20	24.60	mm
C	25.40	0.80	0.80	26.20	24.60	mm
Dimensions for product: U100/57/25						
	Nom	Tol +	Tol -	Max	Min	Unit
A	101.60	2.00	2.00	103.60	99.60	mm
B	50.80	1.00	1.00	51.80	49.80	mm
C	31.70	0.75	0.75	32.45	30.95	mm
D	57.10	0.40	0.40	57.50	56.70	mm
E	25.40	0.80	0.80	26.20	24.60	mm

Core **U100/57/25 + I100/25/25**

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C90	6700	25%	25%	nH/turns ²
3C94	6700	25%	25%	nH/turns ²

Power loss: 3C90				
Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	23.000	W/set

Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	100.000	W/set

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C90	320	mT
25 kHz	250 A/m	100 °C	3C94	320	mT