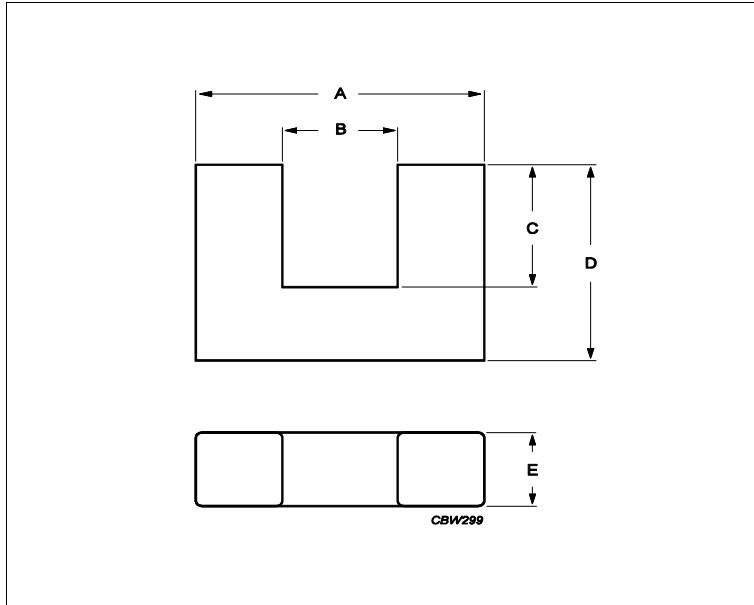


Core **U25/16/6**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	2.07	mm ⁻¹
Ve	effective volume	3380	mm ³
Le	effective length	83.6	mm
Ae	effective area	40.3	mm ²
Amin	minimum area		mm ²
m	U25/16/6	≈ 8	g/pcs

Dimensions for product: U25/16/6						
	Nom	Tol +	Tol -	Max	Min	Unit
A	25.40	0.50	0.40	25.90	25.00	mm
B	12.70	0.25	0.25	12.95	12.45	mm
C	9.50	0.13	0.13	9.63	9.37	mm
D	15.90	0.13	0.13	16.03	15.77	mm
E	6.40	0.13	0.13	6.53	6.27	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C90	1200	25%	25%	nH/turns ²
3C91	1400	25%	25%	nH/turns ²
3C94	1200	25%	25%	nH/turns ²

Power loss: 3C90				
Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	0.410	W/set
Power loss: 3C91				
Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	1.700	W/set
Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.700	W/set

Bsat			
Measuring conditions	Material	Min	Unit

Core **U25/16/6**

25 kHz	250 A/m	100 °C	3C90	320	mT
25 kHz	250 A/m	100 °C	3C91	320	mT
25 kHz	250 A/m	100 °C	3C94	320	mT