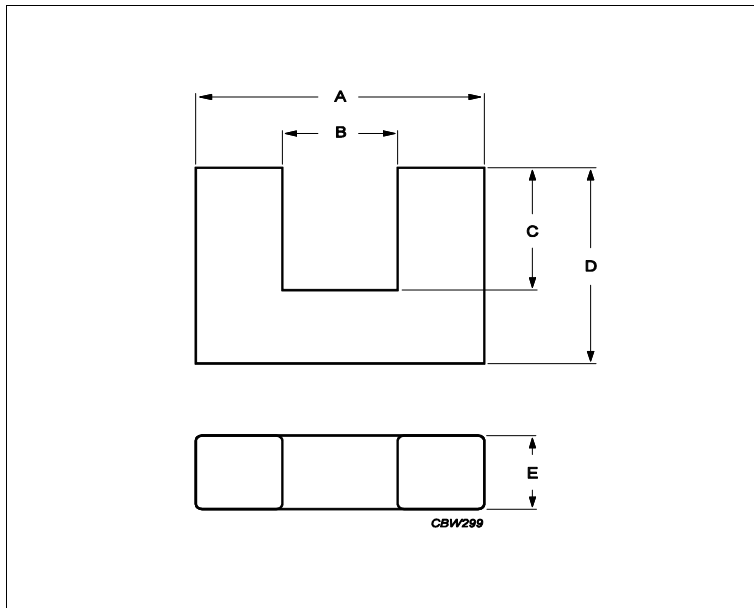


Core **U25/20/13**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.85	mm <sup>-1</sup>
<b>Ve</b>	effective volume	9180	mm <sup>3</sup>
<b>Le</b>	effective length	88.2	mm
<b>Ae</b>	effective area	104	mm <sup>2</sup>
<b>Amin</b>	minimum area		mm <sup>2</sup>
<b>m</b>	U25/20/13	≈ 23.5	g/pcs

Dimensions for product: U25/20/13						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	24.80	0.70	0.70	25.50	24.10	mm
<b>B</b>	8.40	0.40	0.40	8.80	8.00	mm
<b>C</b>	11.40	0.40	0.40	11.80	11.00	mm
<b>D</b>	19.60	0.20	0.20	19.80	19.40	mm
<b>E</b>	12.70	0.30	0.30	13.00	12.40	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C90	2900	25%	25%	nH/turns <sup>2</sup>	
3C94	2900	25%	25%	nH/turns <sup>2</sup>	

Power loss: 3C90					
Measuring conditions			Max	Unit	
25 kHz	200 mT	100 °C	1.100	W/set	

Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	4.600	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