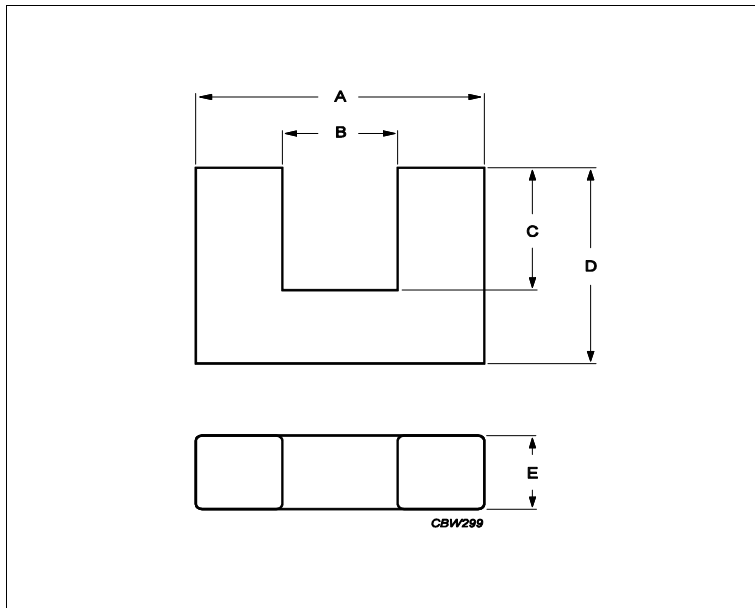


Core **U30/25/16**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.69	mm <sup>-1</sup>
<b>Ve</b>	effective volume	17900	mm <sup>3</sup>
<b>Le</b>	effective length	111	mm
<b>Ae</b>	effective area	161	mm <sup>2</sup>
<b>Amin</b>	minimum area		mm <sup>2</sup>
<b>m</b>	U30/25/16	≈ 43	g/pcs

Dimensions for product: U30/25/16						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	31.30	0.70	0.70	32.00	30.60	mm
<b>B</b>	10.50	0.50	0.50	11.00	10.00	mm
<b>C</b>	14.90	0.40	0.40	15.30	14.50	mm
<b>D</b>	25.30	0.20	0.20	25.50	25.10	mm
<b>E</b>	16.00	0.50	0.10	16.50	15.90	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C90	3700	25%	25%	nH/turns <sup>2</sup>	
3C94	3700	25%	25%	nH/turns <sup>2</sup>	

Power loss: 3C90					
Measuring conditions			Max	Unit	
25 kHz	200 mT	100 °C	2.100	W/set	
Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	8.900	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