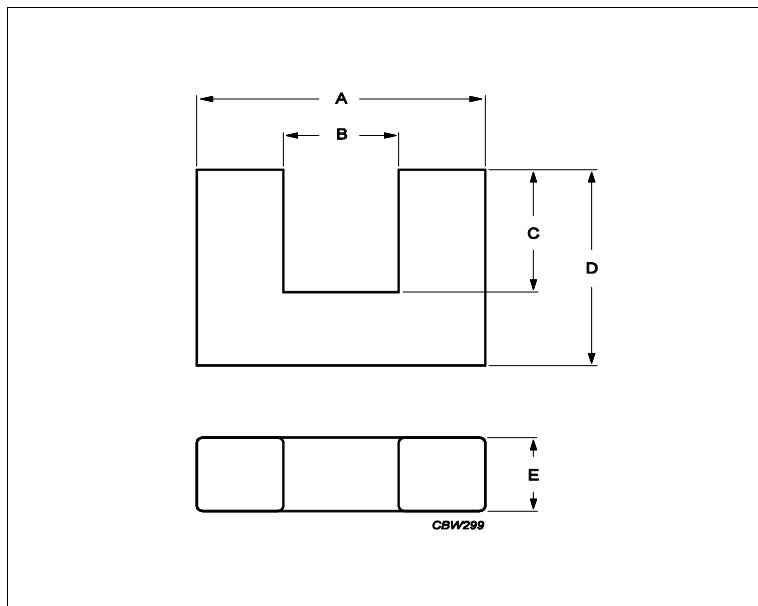
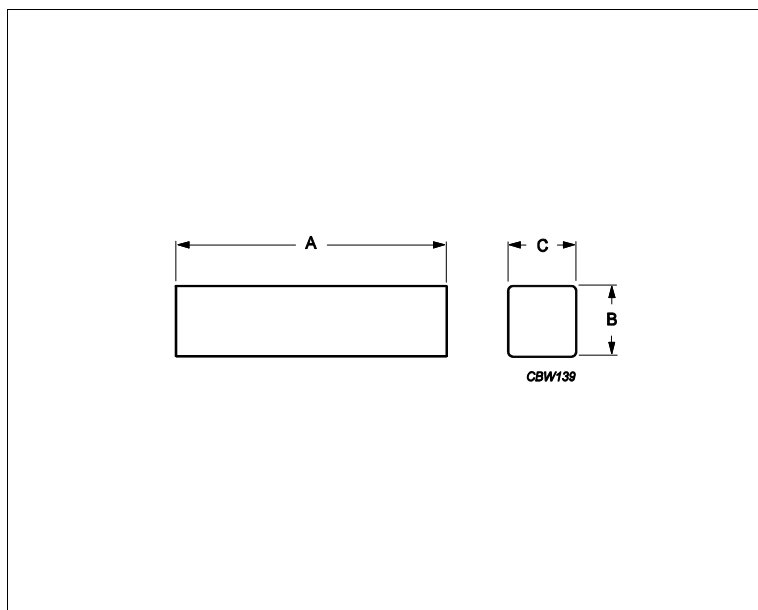


## Core **U93/76/16 + I93/28/16**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.576	mm <sup>-1</sup>
<b>Ve</b>	effective volume	115000	mm <sup>3</sup>
<b>Le</b>	effective length	258	mm
<b>Ae</b>	effective area	447	mm <sup>2</sup>
<b>Amin</b>	minimum area		mm <sup>2</sup>
<b>m</b>	U93/76/16	≈ 400	g/pcs
<b>m</b>	I93/28/16	≈ 200	g/pcs



Dimensions for product: I93/28/16						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	93.00	1.80	1.80	94.80	91.20	mm
<b>B</b>	27.50	0.50	0.50	28.00	27.00	mm
<b>C</b>	16.00	0.60	0.60	16.60	15.40	mm
Dimensions for product: U93/76/16						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	93.00	1.80	1.80	94.80	91.20	mm
<b>B</b>	36.20	1.20	1.20	37.40	35.00	mm
<b>C</b>	48.00	0.90	0.90	48.90	47.10	mm
<b>D</b>	79.00	0.50	0.50	79.50	78.50	mm
<b>E</b>	16.00	0.60	0.60	16.60	15.40	mm

## Core **U93/76/16 + I93/28/16**

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C90	4600	25%	25%	nH/turns <sup>2</sup>
3C94	4600	25%	25%	nH/turns <sup>2</sup>

Power loss: 3C90				
Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	14.000	W/set

Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	67.000	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