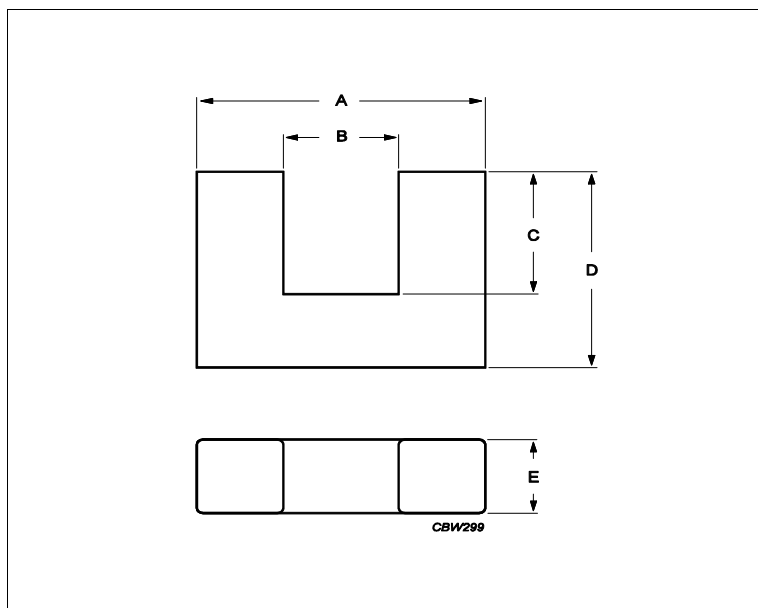


Core **U15/11/6**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.6	mm <sup>-1</sup>
<b>Ve</b>	effective volume	1680	mm <sup>3</sup>
<b>Le</b>	effective length	52	mm
<b>Ae</b>	effective area	32.3	mm <sup>2</sup>
<b>Amin</b>	minimum area		mm <sup>2</sup>
<b>m</b>	U15/11/6	≈ 4	g/pcs

Dimensions for product: U15/11/6

	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	15.40	0.50	0.50	15.90	14.90	mm
<b>B</b>	5.40	0.40	0.40	5.80	5.00	mm
<b>C</b>	6.40	0.35	0.35	6.75	6.05	mm
<b>D</b>	11.45	0.20	0.20	11.65	11.25	mm
<b>E</b>	6.25	0.40	0.00	6.65	6.25	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C90	1400	25%	25%	nH/turns <sup>2</sup>
3C94	1400	25%	25%	nH/turns <sup>2</sup>

Power loss: 3C90

Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	0.200	W/set

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.840	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

Accessories

Ordering name	Description	Ordering code
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Core **U15/11/6**

CPH-U15/11/6-1S-4P	Coil former, termoplastic, horizontal	432202101581
CPH-U15/11/6-2S-4P	Coil former, termoplastic, horizontal	432202101591

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