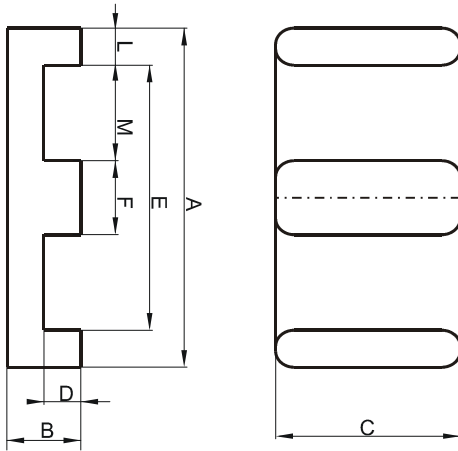


**DIMENSIONS**



(mm)	Nominal:	Tol. min.:	Tol. max.:
<b>A</b>	21.8	-0.4	+ 0.4
<b>B</b>	5.7	-0.1	+ 0.1
<b>C</b>	15.8	-0.3	+ 0.3
<b>D</b>	3.05 Min.		
<b>E</b>	16.1 Min.		
<b>F</b>	5.0	-0.1	+ 0.1
<b>L</b>	2.5 Ref.		
<b>M</b>	5.9 Ref.		
Eff. Parameters			
Ae mm <sup>2</sup>	Amin mm <sup>2</sup>	le mm	Ve mm <sup>3</sup>
78.5	76.0	32.5	2550

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
Nom: 5066 Min.: 3800	10 kHz, < 0.5 mT, 25 °C

**MARKING**

FR42216EC  
PXXXXXXXXX

**CORE LOSSES**

P <sub>i</sub> max	Test conditions
< 0.22 W/set (< 86 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100 °C
< 1.5 W/set (< 588 mW/cm <sup>3</sup> )	100 kHz, 200 mT, 100 °C

**NOTE**

Spec. modifications	Previous	Revised
2005-06-22	A=21.6±0.26 C=15.6 Min. F=5.08±0.13 L=2.54±0.13 Losses: General R material M=5.72±0.31	A=21.8±0.4 C=15.5 Min. F=5.0±0.1 L=2.5 Ref. Losses: Detail as indicated M=5.9 Ref.
2013-07-22	Marking: FR42216EC PXXXXX	Marking: FR42216EC PXXXXXXXXX