

Specification for:

**0F42515EC**

110 Delta Drive  
Pittsburgh, PA 15238  
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**DIMENSIONS**



(mm)	Nominal:	Tol. min.:	Tol. max.:
<b>A</b>	25.4	-0.38	+ 0.38
<b>B</b>	15.9	-0.25	+ 0.25
<b>C</b>	6.35	-0.25	+ 0.25
<b>D</b>	12.6 Min.		
<b>E</b>	18.8 Min.		
<b>F</b>	6.35	-0.13	+ 0.13
<b>L</b>	3.12	-0.13	+ 0.13
<b>M</b>	6.4	-0.25	+ 0.25
Eff. Parameters			
Ae mm <sup>2</sup>	Amin mm <sup>2</sup>	le mm	Ve mm <sup>3</sup>
40.1	39.7	73.5	2950

**INDUCTANCE**

AL value (nH)	Test conditions
1500 ± 25%	10 kHz, < 0.5 mT, 25 °C

**MARKING**

F EC
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**CORE LOSSES**

P <sub>i</sub> max	Test conditions
220 mW/cm <sup>3</sup> (0.65 W/set)	25 kHz, 200 mT, 100 °C

**NOTE**

Spec. modifications	Previous	Revised
2005-06-22	B=16.13 Max. Losses: General F material	B=16.15 Max. Losses: Detail as indicated