

Specification for:

**0R44317EC**

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



(mm)	Nominal:	Tol. min.:	Tol. max.:
<b>A</b>	40.6	-0.65	+ 0.65
<b>B</b>	16.6	-0.2	+ 0.2
<b>C</b>	12.4	-0.3	+ 0.3
<b>D</b>	10.4 Min.		
<b>E</b>	28.6 Min.		
<b>F</b>	12.45	-0.25	+ 0.25
<b>L</b>	6.33 Max.		
<b>M</b>	7.95 Min.		
Eff. Parameters			
<b>Ae mm<sup>2</sup></b>	<b>Amin mm<sup>2</sup></b>	<b>le mm</b>	<b>Ve mm<sup>3</sup></b>
149.0	142.0	77.0	11500

**INDUCTANCE**

AL value (nH)	Test conditions
Nom: 3900 Min.: 2925	10 kHz, < 0.5 mT, 25 °C

**MARKING**

R EC
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**CORE LOSSES**

P <sub>i</sub> max	Test conditions
96 mW/cm <sup>3</sup> (1.1 W/set)	100 kHz, 100 mT, 100 °C
557 mW/cm <sup>3</sup> (6.4 W/set)	100 kHz, 200 mT, 100 °C

**NOTE**

Spec. modifications	Previous	Revised
2005-06-22	A=40.5 Min. B=16.7 Max. C=12.34 Min. F=12.34 Min. Losses: General R material	A=39.95 Min. B=16.8 Max. C=12.1 Min. F=12.2 Min. Losses: Detail as indicated