

Specification for:

**0R43009EC**

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



(mm)	Nominal:	Tol. min.:	Tol. max.:
<b>A</b>	30.95	-0.5	+ 0.5
<b>B</b>	13.1	-0.25	+ 0.25
<b>C</b>	9.4	-0.3	+ 0.3
<b>D</b>	8.5 Min.		
<b>E</b>	21.41 Min.		
<b>F</b>	9.4	-0.13	+ 0.13
<b>L</b>	4.29 Nom.		
<b>M</b>	6.0 Min.		
Eff. Parameters			
Ae mm <sup>2</sup>	Amin mm <sup>2</sup>	le mm	Ve mm <sup>3</sup>
83.2	83.2	61.9	5150

**INDUCTANCE**

AL value (nH)	Test conditions
Nom: 2893 Min.: 2170	10 kHz, < 0.5 mT, 25 °C

**MARKING**

R EC
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**CORE LOSSES**

P <sub>i</sub> max	Test conditions
88 mW/cm <sup>3</sup> (0.46 W/set)	100 kHz, 100 mT, 100 °C
498 mW/cm <sup>3</sup> (2.6 W/set)	100 kHz, 200 mT, 100 °C

**NOTE**

Spec. modifications	Previous	Revised
2005-06-22	A=30.48±0.38 B=13.4±0.25 C=9.4±0.13 Losses: General R material	A=30.95±0.50 B=13.1±0.25 C=9.4±0.3 Losses: Detail as indicated