

Specification for:

**0P45528EC**

110 Delta Drive  
Pittsburgh, PA 15238  
Phone: 412/696-1333  
Fax: 412/696-0333  
Email: magnetics@spang.com

**DIMENSIONS**



(mm)	Nominal:	Tol. min.:	Tol. max.:
<b>A</b>	56.2	-2.1	0.0
<b>B</b>	27.5	-0.3	+ 0.3
<b>C</b>	21.0	-0.8	0.0
<b>D</b>	18.5	0.0	+ 0.8
<b>E</b>	37.5	0.0	+ 1.5
<b>F</b>	17.2	-0.5	0.0
<b>L</b>	9.35		
<b>M</b>	10.15		
Eff. Parameters			
Ae mm <sup>2</sup>	Amin mm <sup>2</sup>	le mm	Ve mm <sup>3</sup>
353.0	345.0	124.0	44000

**INDUCTANCE**

AL value (nH)	Test conditions
Nom: 6840 Min.: 5130	10 kHz, < 0.5 mT, 25 °C

**MARKING**

0P45528EC PXXXXX
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**CORE LOSSES**

P <sub>i</sub> max	Test conditions
134 mW/cm <sup>3</sup> (5.9 W/set)	100 kHz, 100 mT, 100 °C

**NOTE**

Spec. modifications	Previous	Revised
2005-06-22	A=55.5 Max. A=54.2 Min. C=20.24 Min. D=18.54 Min. F=17.15 Max. L=8.38±0.38 M=10.67±0.38 Losses: General P material	A=56.2 Max. A=54.1 Min. C=20.2 Min. D=18.5 Min. F=17.2 Max. L=9.35 Ref. M=10.15 Ref. Losses: Detail as indicated