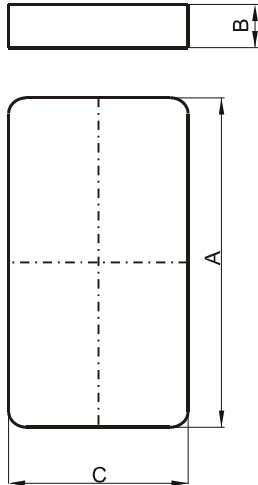


Specification for:

**FP45810IC**

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>	58.42	-1.2	+ 1.2
<b>B</b>	4.1	-0.12	+ 0.12
<b>C</b>	38.1	-0.8	+ 0.8
<b>Eff. Parameters</b> (with F_45810EC)			
<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>
310	310	67.7	20800

**INDUCTANCE**

AL value (nH)	Test conditions (with FP45810EC)
Nom: 10457 Min.: 7843	10 kHz, < 0.5 mT, 25 °C

**MARKING**

FP45810IC PXXXXX
---------------------

**CORE LOSSES**

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

**NOTE**

Spec. modifications	Previous	Revised
2005-06-22	B=4.04±0.12 Losses: General P material	B=4.1±0.12 Losses: Detail as indicated