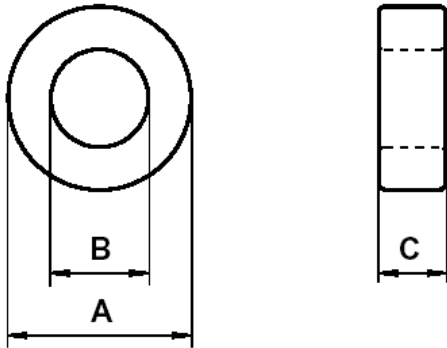




Specification for:  
**ZP-42109-TC**

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

**DIMENSIONS**



(mm)	Uncoated Nominal:	Coated Min:	Coated Max:
O.D. (A)	20.6	20.36	21.34
I.D. (B)	12.7	11.93	12.97
Ht. (C)	8.89	8.89	9.69

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
34.4	50.3	1733

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
2100 ± 25%	10 kHz, 0.5 mT (For N = 5, use 0.97 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
192 mW (123 mW/cm <sup>3</sup> )	175 mW (112 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C

**COATING**

Epoxy rated for 200°C continuous operation.  
Voltage breakdown rating 2000 V<sub>DC</sub> Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2007.05.30	Losses: General P material Breakdown voltage > 1,000 V	Losses: Detail as indicated Breakdown voltage > 2,000 V <sub>DC</sub>
2008.09.23	ID max = 13.02 Ht Min = 9.01 Ht Max = 9.89	ID max = 12.97 Ht Min = 8.89 Ht Max = 9.69