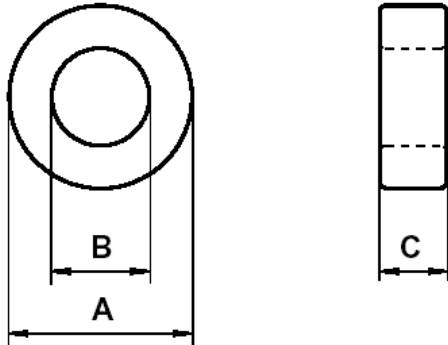




Specification for:  
**ZP42915TC**

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)	29	28.35	30.15
I.D. (B)	19	17.85	19.65
Ht. (C)	15.2	14.99	16.21

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
74.9	73.2	5481

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
3222 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.4 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
674 mW (123 mW/cm <sup>3</sup> )	614 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
2005.06.14	OD max = 29.90 ID min = 18.11 Ht max = 16.01 Losses: General P material Breakdown voltage > 1,000 V	OD max = 30.15 ID min = 17.85 Ht max = 16.21 Losses: Detail as indicated Breakdown voltage > 2,000 V <sub>DC</sub>