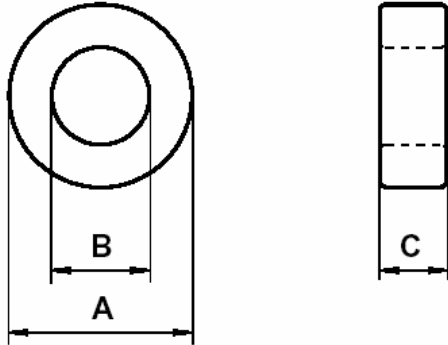




Specification for:  
**ZR44916TC**

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)	49.1	48.48	50.22
I.D. (B)	33.8	32.69	34.41
Ht. (C)	15.6	15.64	16.64

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
118	127	15010

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
2710 ± 25%	10 kHz, 0.5 mT (For N = 5, use 2.6 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
1.65 W (110 mW/cm <sup>3</sup> )	1.5 W (100 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C
10.7 W (715 mW/cm <sup>3</sup> )	9.8 W (650 mW/cm <sup>3</sup> )	100 kHz, 200 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
2007.05.21	Losses: General R material	Losses: Detail as indicated
	Breakdown voltage > 1,000 V	Breakdown voltage > 2,000 V <sub>DC</sub>