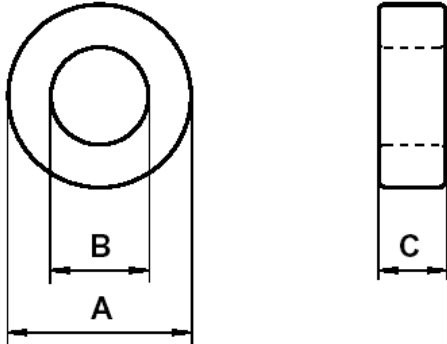




Specification for:  
**ZW43813TC**

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)	38.1	37.07	39.63
I.D. (B)	19	17.52	19.98
Ht. (C)	12.6	12.53	13.47

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
116	82.8	9576

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
16700 ± 30%	10 kHz, 0.5 mT (For N = 5, use 0.41 mA), 25°C

**ELECTRICAL LOSSES**

tan δ / μ <sub>i</sub>	Production lot limit Average	Test conditions	
≤ 4.1 · 10 <sup>-6</sup>	≤ 3.5 · 10 <sup>-6</sup>	10 kHz	0.5 mT, 25°C
≤ 60 · 10 <sup>-6</sup>	≤ 50 · 10 <sup>-6</sup>	100 kHz	

**COATING**

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 2,000 V Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2005.12.16	Bare Nom HT = 12.7 Breakdown voltage > 1,000 V LF: General W material	Bare Nom HT = 12.6 Breakdown voltage > 2,000 V LF: Detail as indicated