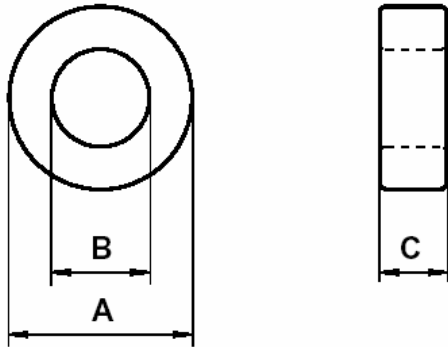




Specification for:  
**ZW41005TC**

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)	9.53	9.27	10.29
I.D. (B)	4.75	3.98	5.02
Ht. (C)	4.78	4.65	5.41

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
10.9	20.7	227

**INDUCTANCE**

A <sub>L</sub> value (nH/T <sup>2</sup> )	Test conditions	
6616 ± 30%	10 kHz	0.5 mT (For N = 5, use 0.098 mA), 25°C

**ELECTRICAL LOSSES**

tan δ / μ <sub>i</sub>	Production lot limit Average	Test conditions	
≤ 3.5 · 10 <sup>-6</sup>	≤ 3 · 10 <sup>-6</sup>	10 kHz	0.5 mT, 25°C
≤ 55 · 10 <sup>-6</sup>	≤ 45 · 10 <sup>-6</sup>	100 kHz	

**COATING**

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 1000 V min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2006.01.12	LF: General W Material	LF: Detail as indicated