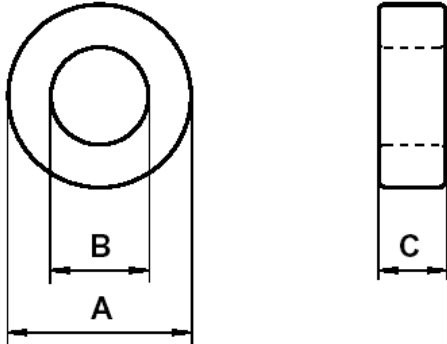




Specification for:  
**ZW42207TC**

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)	22.1	21.63	23.07
I.D. (B)	13.7	12.75	14.19
Ht. (C)	7.8	7.75	8.69

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
32.1	54.1	1740

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
7400 ± 30%	10 kHz, 0.5 mT (For N = 5, use 0.25 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 2,000 V <sub>DC</sub> Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2005.12.16	Breakdown voltage > 1,000 V LF: General W material	Breakdown voltage > 2,000 V <sub>DC</sub> LF: Detail as indicated
2007.01.11	Ht Nom = 7.9	Ht Nom = 7.8