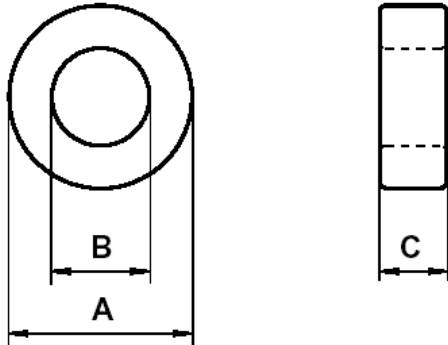




Specification for:  
**ZW44925TC**

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	47.6	50.6
I.D. (B)	31.8	30.27	33.33
Ht. (C)	18.8	18.58	20.02

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
160.1	123.2	19717

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
14870 ± 30%	10 kHz, 0.5 mT (For N = 5, use 0.63 mA), 25°C

**ELECTRICAL LOSSES**

tan δ / μ <sub>i</sub>	Production lot limit Average	Test conditions	
≤ 5.0 · 10 <sup>-6</sup>	≤ 4.0 · 10 <sup>-6</sup>	10 kHz	0.5 mT, 25°C
≤ 80 · 10 <sup>-6</sup>	≤ 60 · 10 <sup>-6</sup>	100 kHz	

**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
2007.01.26	LF: General W material	LF: Detail as indicated
2007.02.14	Bare Nom Ht = 19.05 Large radius (4.3 mm) on top and bottom Breakdown voltage > 1,000 V	Bare Nom Ht = 18.8 Conventional toroid shape, with flats on top and bottom Breakdown voltage > 2,000 V <sub>DC</sub>