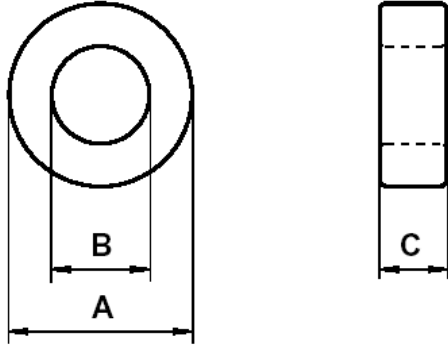




Specification for:  
**ZF42106TC**

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)	20.6	20.36	21.34
I.D. (B)	12.7	11.93	12.97
Ht. (C)	6.25	6.39	6.91

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
24.2	50.3	1218

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
1680 ± 20%	10 kHz, 0.5 mT (For N = 5, use 0.8 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
268 mW (220 mW/cm <sup>3</sup> )	244 mW (200 mW/cm <sup>3</sup> )	25 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
2007.05.16	Bare Nom Ht = 6.35 Losses: General F material Breakdown voltage > 1,000 V	Bare Nom Ht = 6.25 Losses : Detail as indicated Breakdown voltage > 2,000 V <sub>DC</sub>