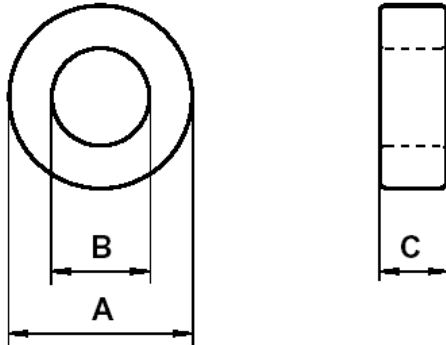




Specification for:  
**ZF43813TC**

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	37.45	39.25
I.D. (B)	19	17.9	19.55
Ht. (C)	12.45	12.56	13.34

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
114.2	82.9	9462

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
5020 ± 20%	10 kHz, 0.5 mT (For N = 5, use 1.3 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
2.08 W (220 mW/cm <sup>3</sup> )	1.90 W (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 Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2005.06.07	Hgt uncoated nominal = 12.7 Losses: General F Material Breakdown voltage > 1,000 V	Hgt uncoated nominal = 12.45 Losses: Detail as indicated Breakdown voltage > 2,000 V