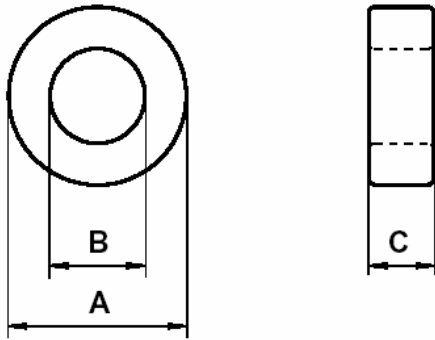




Specification for:  
**ZF41407TC**

110 Delta Drive  
Pittsburgh, PA 15238  
Phone: 412/696-1333  
Fax: 412/696-0333  
Email: [magnetics@spang.com](mailto:magnetics@spang.com)

**DIMENSIONS**



(mm)	Uncoated Nominal:	Coated Min:	Coated Max:
O.D. (A)	12.7	12.56	13.34
I.D. (B)	7.14	6.5	7.28
Ht. (C)	4.78	4.77	5.29

Eff. Parameters		
$A_e$ mm <sup>2</sup>	$l_e$ mm	$V_e$ mm <sup>3</sup>
12.9	29.5	381

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
1630 ± 20%	10 kHz, 0.5 mT (For N = 5, use 0.47 mA), 25°C

**CORE LOSSES**

$P_L$ max	Production lot limit Max avg	Test conditions
83.8 mW (220 mW/cm <sup>3</sup> )	76.2 mW (200 mW/cm <sup>3</sup> )	25 kHz, 200 mT, 100°C

**COATING**

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 1500 V <sub>DC</sub> min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2006.06.26	Losses: General F material Breakdown voltage > 1,000 V	Losses : Detail as indicated Breakdown voltage > 1,500 V <sub>DC</sub>