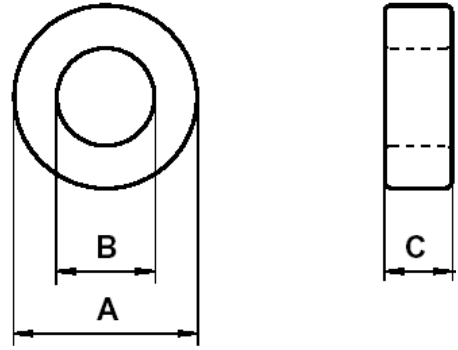




Specification for:  
**ZJ41303TC**

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)	12.70	12.56	13.34
I.D. (B)	8.14	7.29	8.49
Ht. (C)	3.18	3.17	3.69

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
7.1	31.7	226

**INDUCTANCE**

A <sub>L</sub> value (nH/T <sup>2</sup> )	Test conditions	
1488 ± 20%	10 kHz	0.5 mT (For N = 1, use 1.4 mA), 25°C
≥ 0.9 x A <sub>L</sub> @ 10 kHz	200 kHz	

**ELECTRICAL LOSSES**

tan δ / μ <sub>i</sub>	Test conditions
≤ 12·10 <sup>-6</sup>	100 kHz, 0.5 mT, 25°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
2006.01.09	Nom ID = 7.92 Breakdown voltage > 1,000 V LF: General J Material A <sub>L</sub> value up to 200 kHz	Nom ID = 8. 14Breakdown voltage > 1,500 V <sub>DC</sub> LF: Detail as indicated A <sub>L</sub> at 200 kHz ≥ 0.9 x A <sub>L</sub> at 10 kHz