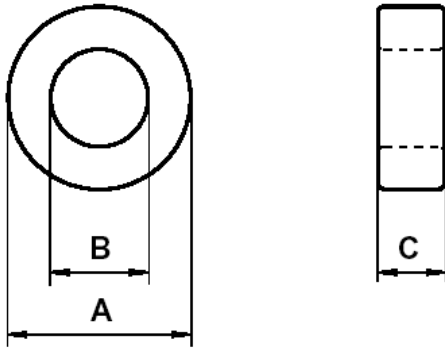




Specification for:  
**ZJ42106TC**

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)	6.35	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>
24.6	50.3	1238

**INDUCTANCE**

A <sub>L</sub> value (nH/T <sup>2</sup> )	Test conditions	
2800 ± 20%	10 kHz	0.5 mT (For N = 1, use 2.6 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 2,000 V<sub>DC</sub> Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2006.09.25	LF: General J material Breakdown voltage > 1,000 V	LF: Detail as indicated Breakdown voltage > 2,000 V <sub>DC</sub>