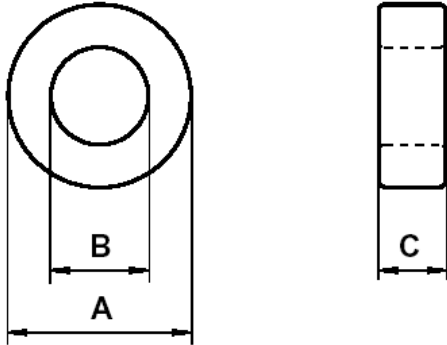




Specification for:  
**YJ40705TC**

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)	7.62	7.29	7.95
I.D. (B)	3.18	2.84	3.52
Ht. (C)	4.78	4.58	4.98

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
9.9	15	149

**INDUCTANCE**

A <sub>L</sub> value (nH/T <sup>2</sup> )	Test conditions	
4175 ± 20%	10 kHz	0.5 mT (For N = 1, use 0.7 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**

Parylene rated for 130°C continuous operation.
Voltage breakdown rating 1000 V Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2005.06.09	LF: General J Material	LF: Detail as indicated
2005.09.26	A <sub>L</sub> value up to 200 kHz	A <sub>L</sub> at 200 kHz ≥ 0.9 x A <sub>L</sub> at 10 kHz