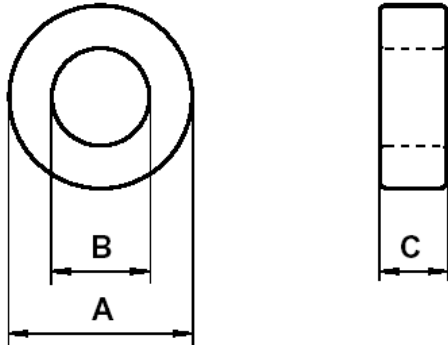




Specification for:  
**YF40503TC**

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)	3.94	3.66	4.22
I.D. (B)	2.24	1.95	2.53
Ht. (C)	2.54	2.21	2.87

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
2.1	9.2	19.4

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
885 ± 20%	10 kHz, 0.5 mT (For N = 5, use 0.14 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
4.26 mW (220 mW/cm <sup>3</sup> )	3.88 mW (200 mW/cm <sup>3</sup> )	25 kHz, 200 mT, 100°C

**COATING**

Parylene rated for 130°C continuous operation.
Voltage breakdown rating 1000 V <sub>DC</sub> Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2007.05.11	Losses: General F material	Losses: Detail as indicated