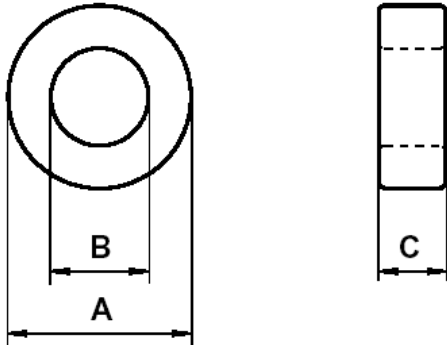




Specification for:  
**YW-41005-TC**

111 Zeta 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)	9.53	9.07	9.99
I.D. (B)	4.75	4.29	5.21
Ht. (C)	4.78	4.45	5.11

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
10.9	20.7	227

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
6616 ± 30%	10 kHz, 0.5 mT (For N = 5, use 0.1 mA), 25°C

**ELECTRICAL LOSSES**

tan δ / μ <sub>i</sub>	Production lot limit Average	Test conditions	
≤ 3.5 · 10 <sup>-6</sup>	≤ 3 · 10 <sup>-6</sup>	10 kHz	0.5 mT, 25°C
≤ 55 · 10 <sup>-6</sup>	≤ 45 · 10 <sup>-6</sup>	100 kHz	

**COATING**

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

**NOTE**

Spec. Modifications	Previous	Revised
2005.12.16	LF: General W material	LF: Detail as indicated