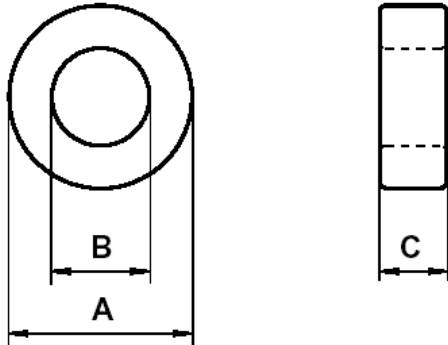




Specification for:  
**YW40301TC**

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)	3.46	3.13	3.79
I.D. (B)	1.78	1.54	2.02
Ht. (C)	1.27	1.01	1.53

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
1.03	7.65	7.87

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
1650 ± 30%	10 kHz, 0.5 mT (For N = 5, use 0.05 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 1,000 V <sub>DC</sub> Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2007.08.16	Bare Nom OD = 3.51 Bare Nom ID = 1.83 LF: General W Material	Bare Nom OD = 3.46 Bare Nom ID = 1.78 LF: Detail as indicated