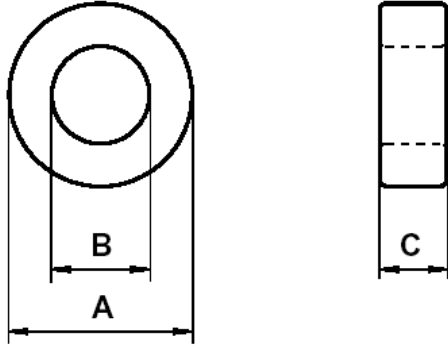




Specification for:  
**VR-41305-TC**

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)	12.7	12.85	13.55
I.D. (B)	8.14	7.09	7.79
Ht. (C)	5.08	5.21	5.75

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	I <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
11.4	31.7	361

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
1090 ± 25%	10 kHz, 0.5 mT (For N = 5, use 0.6 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
39.7 mW (110 mW/cm <sup>3</sup> )	36.1 mW (100 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C
258 mW (715 mW/cm <sup>3</sup> )	235 mW (650 mW/cm <sup>3</sup> )	100 kHz, 200 mT, 100°C

**COATING**

Nylon 11 rated for 155°C continuous operation.
Voltage breakdown rating 1500 V <sub>DC</sub> Min Wire-to-Wire.

**NOTE**

Spec. modifications	Previous	Revised
2006.07.05	Bare Nom ID = 7.92 OD Max = 13.34 ID Min = 7.29 Ht Max = 5.64 Losses: General R material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom ID = 8.14 OD Max = 13.55 ID Min = 7.09 Ht Max = 5.75 Losses: Detail as indicated Breakdown voltage > 1,500 V <sub>DC</sub> P/N prefix for coating = V (nylon specified)