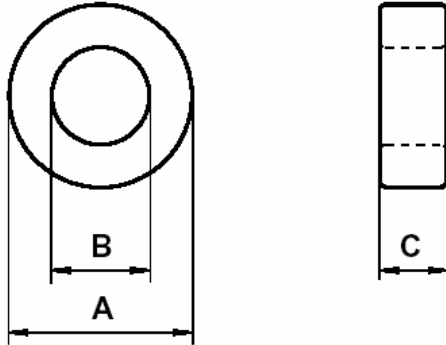




Specification for:  
**VP-41407-TC**

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)	12.7	12.85	13.55
I.D. (B)	7.35	6.3	7.0
Ht. (C)	4.78	4.93	5.43

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
12.4	29.9	374

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
1356 ± 25% nH/T <sup>2</sup>	10 kHz, 0.5 mT (For N = 5, use 0.11 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
46.0 mW (123 mW/cm <sup>3</sup> )	41.9 mW (112 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C

**COATING**

Nylon 11 rated for 155°C continuous operation.
Voltage breakdown rating 1500 V min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2006.01.17	Nom ID = 7.14 OD max = 13.34 ID min = 6.50 Ht max = 5.29 Losses: General P material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Nom ID = 7.35 OD max = 13.55 ID min = 6.30 Ht max = 5.43 Losses : Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)