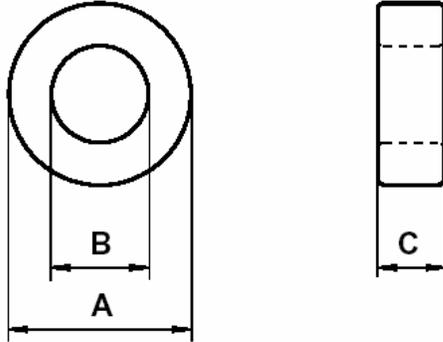




Specification for:
VR-41407-TC

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_e mm ²	l_e mm	V_e mm ³
12.4	29.9	374

INDUCTANCE

AL value (nH/T ²)	Test conditions
1240 ± 25% nH/T ²	10 kHz, 0.5 mT (For N = 5, use 0.12 mA), 25°C

CORE LOSSES

P_L max	Production lot limit Max avg	Test conditions
41.14 mW (110 mW/cm ³)	37.4 mW (100 mW/cm ³)	100 kHz, 100 mT, 100°C
267 mW (715 mW/cm ³)	243 mW (650 mW/cm ³)	100 kHz, 200 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 R 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)