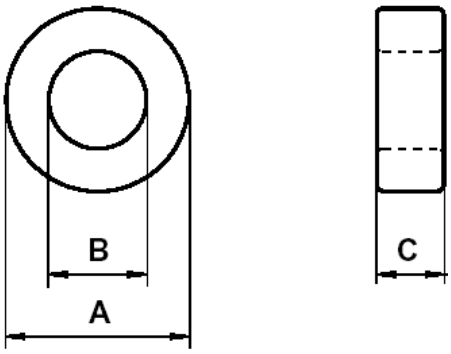
MAGNETICS ®
A Division of Spang & Company

Specification for:

VR-41206-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)	5.16	4.21	4.71
Ht. (C)	6.35	6.40	7.10

Eff. Parameters		
A_e mm^2	l_e mm	V_e mm^3
22	25	550

INDUCTANCE

AL value (nH/T^2)	Test conditions
2600 ± 25%	10 kHz, 0.5 mT (For N = 5, use 0.5 mA), 25°C

CORE LOSSES

P_L max	Production lot limit Max avg	Test conditions
60.5 mW (110 mW/cm^3)	55 mW (100 mW/cm^3)	100 kHz, 100 mT, 100°C
393 mW (715 mW/cm^3)	358 mW (650 mW/cm^3)	100 kHz, 200 mT, 100°C

COATING

Nylon11 rated for 155°C continuous operation.
Voltage breakdown rating 1500 V_{DC} Min Wire-to-Wire.

NOTE

Spec. modifications	Previous	Revised
2006.06.19	OD max = 13.34 ID min = 4.52 Ht max = 6.91 Losses: General R material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	OD max = 13.55 ID min = 4.21 Ht max = 7.10 Losses: Detail as indicated Breakdown voltage > 1,500 V_{DC} P/N prefix for coating = V (nylon specified)