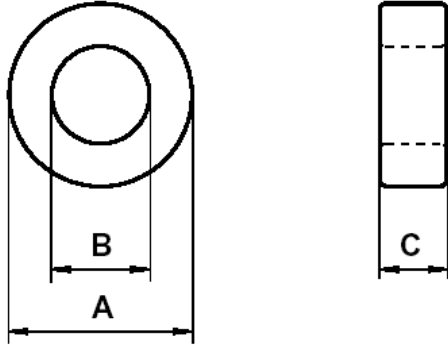




Specification for:
VR41605TC

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)	15.9	16.1	17.1
I.D. (B)	9.07	7.64	8.34
Ht. (C)	4.7	4.9	5.5

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
15.6	37.2	580

INDUCTANCE

AL value (nH/T ²)	Test conditions
1260 ± 25% nH/T ²	10 kHz, 0.5 mT (For N = 5, use 0.73 mA), 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
63.8 mW (110 mW/cm ³)	58 mW (100 mW/cm ³)	100 kHz, 100 mT, 100°C
414.7 mW (715 mW/cm ³)	377 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
2005.09.26	Bare Nom ID = 8.89 OD Max = 16.64 ID Min = 8.12 Ht Max = 5.21 Losses: General R material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom ID = 9.07 OD Max = 17.1 ID Min = 7.64 Ht Max = 5.5 Losses: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)