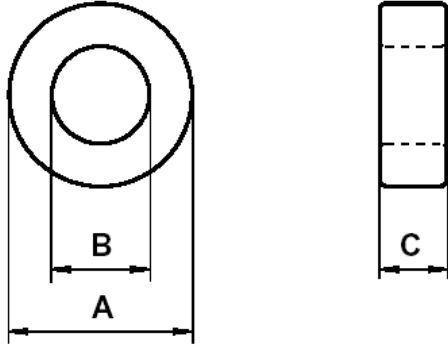




Specification for:
VR41809TC

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)	18.4	18.5	19.7
I.D. (B)	9.75	8.45	9.25
Ht. (C)	10.3	10.3	11.3

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
43.1	41.4	1783

INDUCTANCE

AL value (nH/T ²)	Test conditions
2810 ± 25%	10 kHz, 0.5 mT (For N = 5, use 0.9 mA), 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
196 mW (110 mW/cm ³)	178.3 mW (100 mW/cm ³)	100 kHz, 100 mT, 100°C
1275 mW (715 mW/cm ³)	1159 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
2005.11.09	OD Max = 19.21 ID Min = 8.99 Ht Max = 10.90 Losses: General R material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	OD Max = 19.7 ID Min = 8.45 Ht Max = 11.3 Losses: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)