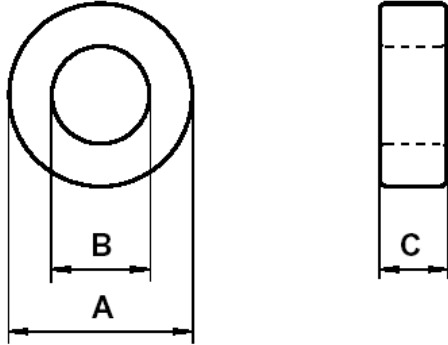




Specification for:
VR41306TC

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)	8.14	7.09	7.79
Ht. (C)	6.35	6.4	7.1

Eff. Parameters		
A _e mm ²	I _e mm	V _e mm ³
14.2	31.7	451.2

INDUCTANCE

AL value (nH/T ²)	Test conditions
1360 ± 25% nH/T ²	10 kHz, 0.5 mT (For N = 5, use 0.6 mA), 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
49.6 mW (110 mW/cm ³)	45.1 mW (100 mW/cm ³)	100 kHz, 100 mT, 100°C
323 mW (715 mW/cm ³)	293 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
2005.04.25	Bare Nom ID = 7.92 OD Max = 13.34 ID Min = 7.29 Ht Max = 6.91 Losses: General R material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom ID = 8.14 OD Max = 13.55 ID Min = 7.09 Ht Max = 7.1 Losses: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)