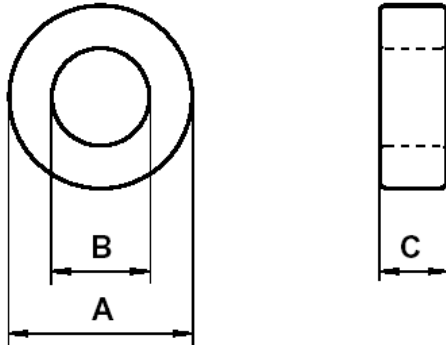




Specification for:
VR42908TC

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)	29	29.2	30.6
I.D. (B)	19	17.5	18.7
Ht. (C)	7.5	7.5	8.7

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
37	73.2	2704

INDUCTANCE

AL value (nH/T ²)	Test conditions
1450 ± 25%	Up to 10 kHz, 0.5 mT (For N = 5, use 1.5 mA) 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
300 mW (110 mW/cm ³)	270 mW (100 mW/cm ³)	100 kHz, 100 mT, 100°C
1.93 W (715 mW/cm ³)	1.76 W (650 mW/cm ³)	100 kHz, 200 mT, 100°C

COATING

Nylon rated for 155°C continuous operation.
Voltage breakdown rating 1500 V Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005-06-09	OD Max = 29.9 ID Min = 18.11 Hgt Max = 8.06 Losses: General R material Breakdown voltage > 1,000 V	OD Max = 30.6 ID Min = 17.5 Hgt Max = 8.7 Losses: Detail as indicated Breakdown voltage > 1,500 V