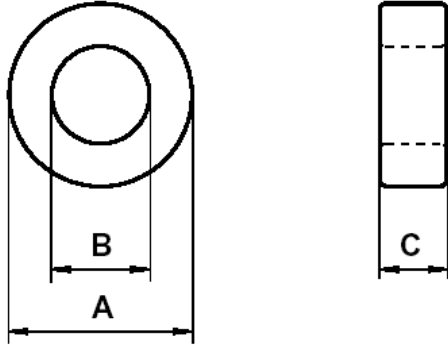




Specification for:
VR42212TC

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)	22.1	22	23.4
I.D. (B)	13.7	12.5	13.7
Ht. (C)	12.44	12.39	13.49

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
51.3	54.2	2776

INDUCTANCE

AL value (nH/T ²)	Test conditions
2770 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.1 mA), 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
305 mW (110 mW/cm ³)	278 mW (100 mW/cm ³)	100 kHz, 100 mT, 100°C
1.98 W (715 mW/cm ³)	1.8 W (650 mW/cm ³)	100 kHz, 200 mT, 100°C

COATING

Nylon11 rated for 155°C continuous operation.
Voltage breakdown rating 1500 V Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005.06.07	Bare Nom Ht = 12.7 OD Max = 22.86 ID Min = 12.95 Hgt Max = 13.34 Losses: General R material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom Ht = 12.44 OD Max = 23.4 ID Min = 12.5 Hgt Max = 13.49 Losses: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)