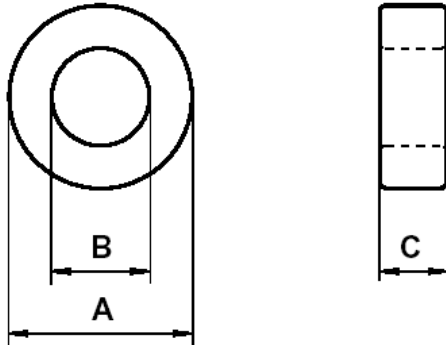




Specification for:  
**VF42908TC**

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	30.4
I.D. (B)	19	17.6	18.8
Ht. (C)	7.5	7.6	8.6

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
37	73.2	2704

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
1902 ± 20%	10 kHz, 0.5 mT (For N = 5, use 1.5 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
595 mW (220 mW/cm <sup>3</sup> )	540 mW (200 mW/cm <sup>3</sup> )	25 kHz, 200 mT, 100°C

**COATING**

Nylon rated for 155°C continuous operation.
Voltage breakdown rating 2000 V Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2005.07.07	OD Max = 29.9 ID Min = 18.11 Hgt Max = 8.06 Losses: General F material Breakdown voltage > 1,000 V	OD Max = 30.4 ID Min = 17.6 Hgt Max = 8.6 Losses: Detail as indicated Breakdown voltage > 2,000 V