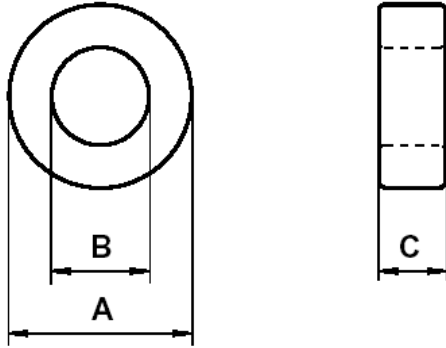




Specification for:  
**ZR43825TC**

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)	38.1	37.45	39.25
I.D. (B)	19.0	17.9	19.6
Ht. (C)	25.2	25.11	26.29

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
231	82.8	19152

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
8060 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.69 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
2.52 W (131 mW/cm <sup>3</sup> )	2.29 W (119 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C
16.3 W (854 mW/cm <sup>3</sup> )	14.9 W (776 mW/cm <sup>3</sup> )	100 kHz, 200 mT, 100°C

**COATING**

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 2000 V <sub>DC</sub> Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2007.03.20	Bare Nom Ht = 25.4 Losses: General R material Breakdown voltage > 1,000 V	Bare Nom Ht = 25.2 Losses: Detail as indicated Breakdown voltage > 2,000 V <sub>DC</sub>