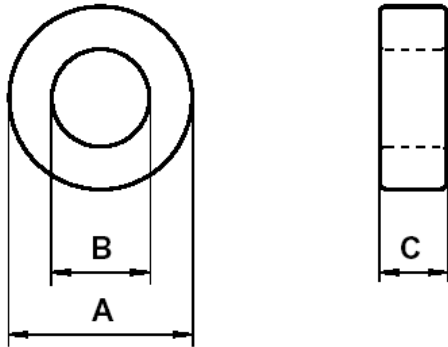




Specification for:  
**ZR48625TC**

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)	85.7	84.52	87.38
I.D. (B)	55.5	53.89	56.61
Ht. (C)	25.4	24.65	26.65

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
375	215	80700

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
5040 ± 25%	10 kHz, 0.5 mT (For N = 5, use 4.4 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
8.9 W (110 mW/cm <sup>3</sup> )	8.1 W (100 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C
58.0 W (715 mW/cm <sup>3</sup> )	52.7 W (650 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
2007.05.25	Losses: General R material	Losses: Detail as indicated
	Breakdown voltage > 1,000 V	Breakdown voltage > 2,000 V <sub>DC</sub>