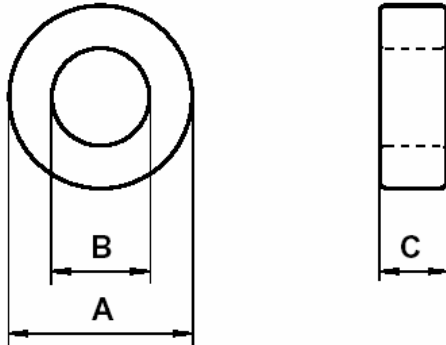




Specification for:  
**ZR49715TC**

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)	102	100.3	104.5
I.D. (B)	65.8	64.1	66.9
Ht. (C)	15.0	14.6	16.0

Eff. Parameters		
$A_e$ mm <sup>2</sup>	$l_e$ mm	$V_e$ mm <sup>3</sup>
267.2	255.3	68821

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
3025 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.04 mA), 25°C

**CORE LOSSES**

$P_L$ max	Production lot limit Max avg	Test conditions
9290 mW (135 mW/cm <sup>3</sup> )	8465 mW (123 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C
60.56 W (880 mW/cm <sup>3</sup> )	55.05 W (800 mW/cm <sup>3</sup> )	100 kHz, 200 mT, 100°C

**COATING**

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 2000 V Min Wire-to-Wire.