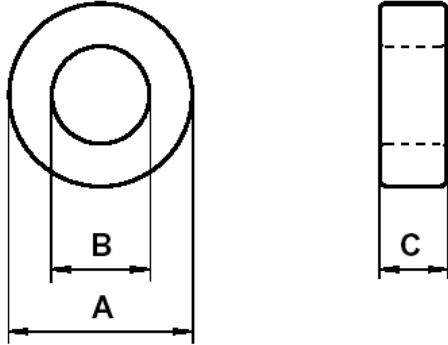




Specification for:  
**ZL42206TC**

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	21.84	22.86
I.D. (B)	13.7	12.95	13.95
Ht. (C)	6.25	6.39	6.91

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
25.8	54.1	1395

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
455 ± 25%	10 kHz, 0.5 mT (For N = 3, use 5.55 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
613.8 mW (440 mW/cm <sup>3</sup> )	558 mW (400 mW/cm <sup>3</sup> )	1 MHz, 50 mT, 100°C

**COATING**

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 2,000 V <sub>DC</sub> min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
<b>2019.10.16</b>	P <sub>L</sub> max : 353mW(253mW/cm <sup>3</sup> ) P <sub>L</sub> max : 613.8mW(440mW/cm <sup>3</sup> )  <b>Production lot limit Max avg</b> 321mW(230mW/cm <sup>3</sup> ) 558mW(400mW/cm <sup>3</sup> )  1 MHz, 30 mT, 100°C	P <sub>L</sub> max : 613.8mW(440mW/cm <sup>3</sup> )  <b>Production lot limit Max avg</b> 558mW(400mW/cm <sup>3</sup> )  1 MHz, 50 mT, 100°C