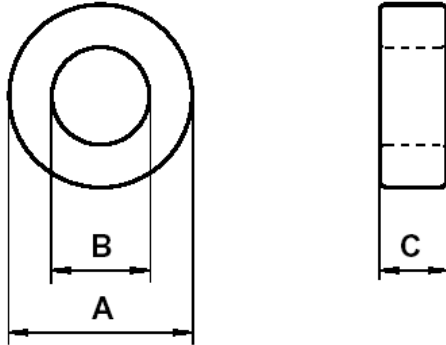




Specification for:  
**0L42206TC**

110 Delta Drive  
Pittsburgh, PA 15238  
Phone: 412/696-1333  
Fax: 412/696-0333  
Email:magnetics@spang.com

**DIMENSIONS**



(mm)	Uncoated Nominal:	Min:	Max:
O.D. (A)	22.1	21.72	22.48
I.D. (B)	13.7	13.33	14.07
Ht. (C)	6.35	6.03	6.53

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
26.2	54.1	1417

**INDUCTANCE**

A <sub>L</sub> value (nH/T <sup>2</sup> )	Test conditions
455 ± 25%	10 kHz, 0.5 mT (For N = 3, use 4.62 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**

Uncoated
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**NOTE**

Spec. Modifications	Previous	Revised
2006.11.28	Losses: General L material	Losses: Detail as indicated
2019.10.16	<p><b>AL:547±25%</b>  <b>P<sub>L</sub> max : 269mW(192.5mW/cm<sup>3</sup>)</b>  <b>P<sub>L</sub> max : 460mW(330mW/cm<sup>3</sup>)</b>  <b>Production lot limit Max avg</b>            244mW(175mW/cm<sup>3</sup>)            419mW(300mW/cm<sup>3</sup>)</p> <p>1 MHz, 30 mT, 100°C</p>	<p><b>AL:455±25%</b>  <b>P<sub>L</sub> max :613.8mW(440mW/cm<sup>3</sup>)</b>  <b>Production lot limit Max avg</b>            558mW(400mW/cm<sup>3</sup>)</p> <p>1 MHz, 50 mT, 100°C</p>