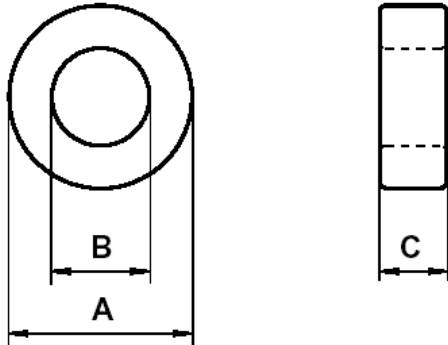




Specification for:  
**0R42507TC**

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)	25.34	24.77	25.91
I.D. (B)	15.45	14.98	15.92
Ht. (C)	7.66	7.14	8.18

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
37.1	61.5	2284

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
1800 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.2 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
251 mW (110 mW/cm <sup>3</sup> )	228 mW (100 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C
1.63 W (715 mW/cm <sup>3</sup> )	1.48 W (650 mW/cm <sup>3</sup> )	100 kHz, 200 mT, 100°C

**COATING**

Uncoated
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**NOTE**

Spec. Modifications	Previous	Revised
2005.04.25	Bare Nom OD= 25.4 Bare Nom ID = 15.5 Bare Nom Ht = 7.92 Losses: General R material	Bare Nom OD = 25.34 Bare Nom ID = 15.45 Bare Nom Ht = 7.66 Losses: Detail as indicated