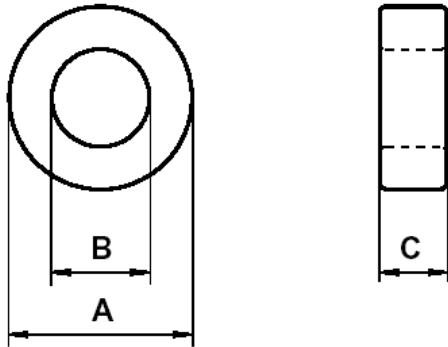




Specification for:  
**YP41303TC**

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

**DIMENSIONS**



(mm)	Uncoated Nominal:	Min:	Max:
O.D. (A)	12.7	12.24	13.16
I.D. (B)	8.14	7.67	8.61
Ht. (C)	3.18	2.82	3.54

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
7.1	31.7	226

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
745 ± 25% nH/T <sup>2</sup>	10 kHz, 0.5 mT (For N = 5, use 0.60 mA), 25°C

**CORE LOSSES**

P <sub>L</sub> max	Production lot limit Max avg	Test conditions
27.83 mW (123 mW/cm <sup>3</sup> )	25.3 mW (112 mW/cm <sup>3</sup> )	100 kHz, 100 mT, 100°C

**COATING**

Parylene rated for 130°C continuous operation.
Voltage breakdown rating 1000 V min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised