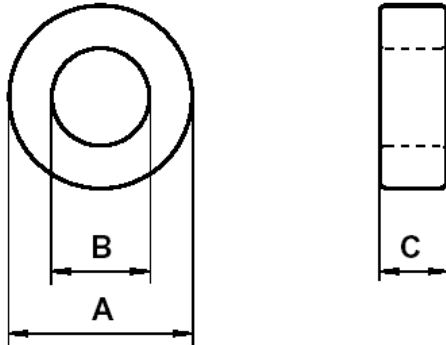




Specification for:  
**VJ41306TC**

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)	12.7	12.85	13.55
I.D. (B)	8.14	7.09	7.79
Ht. (C)	6.35	6.4	7.1

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
14.2	31.7	451.2

**INDUCTANCE**

A <sub>L</sub> value (nH/T <sup>2</sup> )	Test conditions
2968 ± 20%	Up to 200 kHz, 0.5 mT (For N = 1, use 1.49 mA), 25°C

**ELECTRICAL LOSSES**

tan δ / μ <sub>i</sub>	Test conditions
≤ 12 · 10 <sup>-6</sup>	100 kHz, 0.5 mT , 25°C

**COATING**

Nylon 11 rated for 155°C continuous operation.
Voltage breakdown rating 1500 V Min Wire-to-Wire.

**NOTE**

Spec. modifications	Previous	Revised
2005.06.14	Bare Nom ID = 7.92 OD Max = 13.34 ID Min = 7.29 Ht Max = 6.91 LF: General J Material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom ID = 8.14 OD Max = 13.55 ID Min = 7.09 Ht Max = 7.1 LF: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)