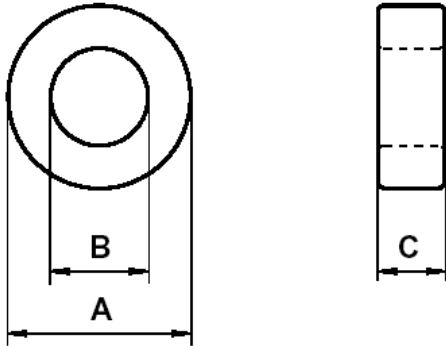




Specification for:  
**VJ-41605-TC**

111 Zeta 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)	15.9	16.1	17.1
I.D. (B)	9.07	7.64	8.34
Ht. (C)	4.7	4.9	5.5

Eff. Parameters		
$A_e$ mm <sup>2</sup>	$l_e$ mm	$V_e$ mm <sup>3</sup>
15.6	37.2	580

**INDUCTANCE**

$A_L$ value (nH/T <sup>2</sup> )	Test conditions	
2760 ± 20%	10 kHz	0.5 mT (For N = 1, use 1,66 mA), 25°C
≥ 0.9 x $A_L$ @ 10 kHz	200 kHz	

**ELECTRICAL LOSSES**

$\tan \delta / \mu_i$	Test conditions
≤ 12·10 <sup>-6</sup>	100 kHz, 0.5 mT, 25°C

**COATING**

Nylon11 rated for 155°C continuous operation.
Voltage breakdown rating 1500 V Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised
2005.10.25	Bare Nom ID = 8.89 OD Max = 16.64 ID Min = 8.12 Ht Max = 5.21 LF: General J Material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom ID = 9.07 OD Max = 17.1 ID Min = 7.64 Ht Max = 5.5 LF: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)