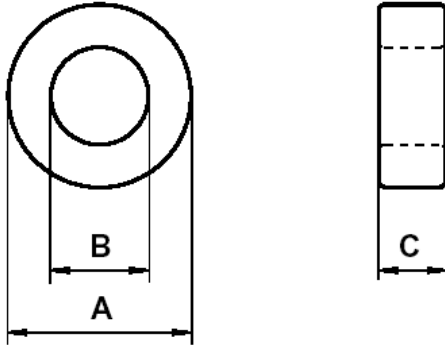




Specification for:
VJ41405TC

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)	7.35	6.30	7.00
Ht. (C)	5.08	5.21	5.75

Eff. Parameters		
A_e mm ²	l_e mm	V_e mm ³
13.2	29.9	397

INDUCTANCE

A_L value (nH/T ²)	Test conditions	
2890 ± 20%	10 kHz	0.5 mT (For N = 1, use 1.4 mA), 25°C
≥ 0.9 x A_L @ 10 kHz	200 kHz	

ELECTRICAL LOSSES

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

COATING

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

NOTE

Spec. Modifications	Previous	Revised
2007.09.04	Nom ID = 7.14 OD max = 13.34 ID min = 6.91 HT max = 5.64 LF: General J Material Breakdown voltage > 1,000 V A_L value up to 200 kHz	Nom ID = 7.35 OD max = 13.55 ID min = 6.30 HT max = 5.75 LF: Detail as indicated Breakdown voltage > 1,500 V _{DC} A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz