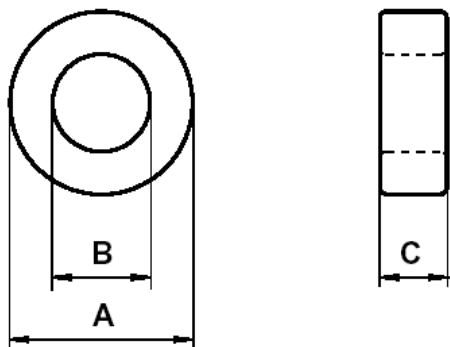




Specification for:
VJ41610TC

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)	15.9	16.1	17.1
I.D. (B)	9.07	7.64	8.34
Ht. (C)	9.4	9.4	10.4

Eff. Parameters		
A_e mm ²	l_e mm	V_e mm ³
31.2	37.2	1160

INDUCTANCE

A_L value (nH/T ²)	Test conditions	
5410 ± 20%	10 kHz	0.5 mT (For N = 1, use 1,7 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

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

NOTE

Spec. Modifications	Previous	Revised
2005.09.26	Bare Nom ID = 8.89 OD Max = 16.64 ID Min = 8.12 Ht Max = 10.03 LF: General J Material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy) A_L value up to 200 kHz	Bare Nom ID = 9.07 OD Max = 17.1 ID Min = 7.64 Ht Max = 10.4 LF: Detail as indicated Breakdown voltage > 1,500 V _{DC} P/N prefix for coating = V (nylon specified) A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz
2007.08.14	AL = 5330 ±20%	AL = 5410 ±20%