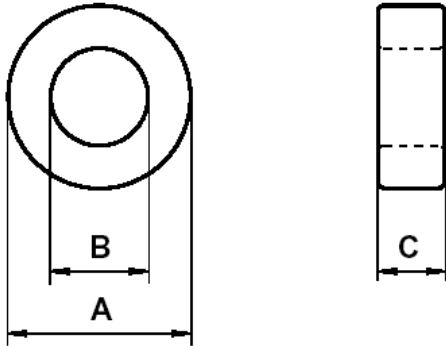




Specification for:
VJ41305TC

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)	5.08	5.21	5.75

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
11.4	31.7	361

INDUCTANCE

A _L value (nH/T ²)	Test conditions	
2380 ± 20%	10 kHz	0.5 mT (For N = 1, use 1.5 mA), 25°C
≥ 0.9 x A _L @ 10 kHz	200 kHz	

ELECTRICAL LOSSES

tan δ / μ _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 Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005.05.26	Bare Nom ID = 7.92 OD Max = 13.34 ID Min = 7.29 Ht Max = 5.64 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 = 5.75 LF: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)
2005.09.22	A _L value up to 200 kHz	A _L at 200 kHz ≥ 0.9 x A _L at 10 kHz