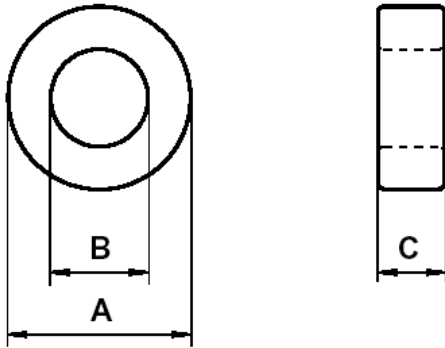




Specification for:
VJ42106TC

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)	20.6	20.7	21.9
I.D. (B)	12.7	11.4	12.2
Ht. (C)	6.35	6.45	7.25

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
24.6	50.3	1238

INDUCTANCE

A _L value (nH/T ²)	Test conditions	
2800 ± 20%	10 kHz	0.5 mT (For N = 1, use 2.6 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 2000 V Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005.09.26	OD Max = 21.34 ID Min = 11.93 Ht Max = 6.91 LF: General J material A _L value up to 200 kHz Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	OD Max = 21.9 ID Min = 11.4 Ht Max = 7.25 LF: Detail as indicated A _L at 200 kHz ≥ 0.9 x A _L at 10 kHz Breakdown voltage > 2,000 V P/N prefix for coating = V (nylon specified)