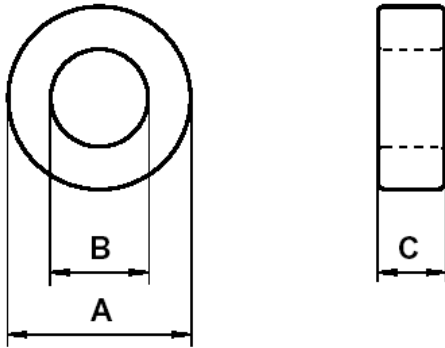




Specification for:
ZJ42109TC

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	20.36	21.34
I.D. (B)	12.7	11.93	12.97
Ht. (C)	8.89	9.05	9.53

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
34	50	1733

INDUCTANCE

A _L value (nH/T ²)	Test conditions	
4200 ± 20%	10 kHz	0.5 mT (For N = 1, use 2.4 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

Epoxy rated for 200°C continuous operation.
 Voltage breakdown rating 2,000 V_{DC} Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2006.12.15	LF: General J material Breakdown voltage > 1,000 V A _L value up to 200 kHz	LF: Detail as indicated Breakdown voltage > 2,000 V _{DC} A _L at 200 kHz ≥ 0.9 x A _L at 10 kHz