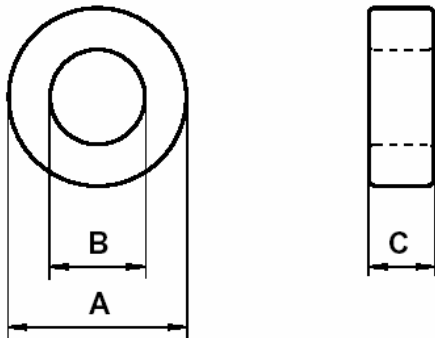




Specification for:
ZJ41407TC

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	12.56	13.34
I.D. (B)	7.14	6.5	7.28
Ht. (C)	4.78	4.77	5.29

Eff. Parameters		
A_e mm ²	l_e mm	V_e mm ³
12.9	29.5	381

INDUCTANCE

A_L value (nH/T ²)	Test conditions	
2715 ± 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

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 1500 V _{DC} min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2006.06.26	LF: General J material Breakdown voltage > 1,000 V A_L value up to 200 kHz	LF : Detail as indicated Breakdown voltage > 1,500 V _{DC} A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz