

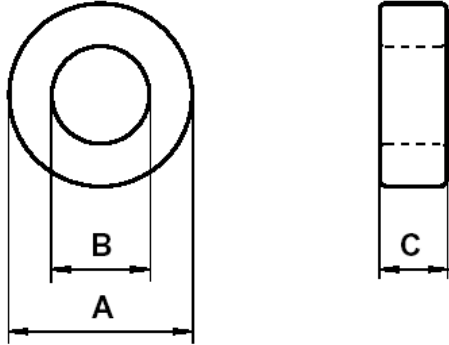


Specification for:

## ZJ44916TC

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### DIMENSIONS



(mm)	Uncoated Nominal:	Coated Min:	Coated Max:
O.D. (A)	49.1	48.48	50.22
I.D. (B)	33.8	32.69	34.41
Ht. (C)	15.6	15.64	16.64

Eff. Parameters		
$A_e$ mm <sup>2</sup>	$l_e$ mm	$V_e$ mm <sup>3</sup>
118	127	15010

### INDUCTANCE

$A_L$ value (nH/T <sup>2</sup> )	Test conditions	
5900 ± 20%	10 kHz	0.5 mT (For N = 1, use 6 mA), 25°C
≥ 0.9 x $A_L$ @ 10 kHz	200 kHz	

### ELECTRICAL LOSSES

$\tan \delta / \mu_i$	Test conditions
≤ 20 · 10 <sup>-6</sup>	100 kHz, 0.5 mT, 25°C

### COATING

Epoxy rated for 200°C continuous operation.
Voltage breakdown rating 2000 V Min Wire-to-Wire.

### NOTE

Spec. Modifications	Previous	Revised
2005.05.26	Bare Nom Ht = 15.9 Breakdown voltage > 1,000 V	Bare Nom Ht = 15.6 Breakdown voltage > 2,000 V
2005.09.26	LF: General J material $A_L$ value up to 200 kHz	LF: Detail as indicated $A_L$ at 200 kHz ≥ 0.9 x $A_L$ at 10 kHz