MAGNETICS ®
A Division of Spang & Company

Specification for:

ZJ43615TC

110 Delta Drive
Pittsburgh, PA 15238
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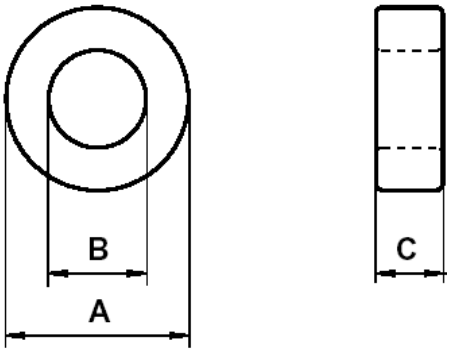
DIMENSIONS



(mm)	Uncoated Nominal:	Coated Min:	Coated Max:
O.D. (A)	36	35.35	37.15
I.D. (B)	23	22.05	23.45
Ht. (C)	14.6	14.4	15.6

Eff. Parameters		
A_e mm^2	l_e mm	V_e mm^3
93.3	89.6	8366

INDUCTANCE

A_L value (nH/T^2)	Test conditions	
6736 ± 20%	10 kHz	0.5 mT (For N = 1, use 4.1 mA), 25°C
≥ 0.9 x A_L @ 10 kHz	200 kHz	

ELECTRICAL LOSSES

tan δ / μ_i	Test conditions
≤ 15·10^{-6}	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
2005.06.03	Bare Nom Ht = 15 OD Max = 36.89 ID Min = 22.12 Ht Max = 15.63 LF: General J Material Breakdown voltage > 1,000 V	Bare Nom Ht = 14.6 OD Max = 37.15 ID Min = 22.05 Ht Max = 15.6 LF: Detail as indicated Breakdown voltage > 2,000 V
2005.09.26	A_L value up to 200 kHz	A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz