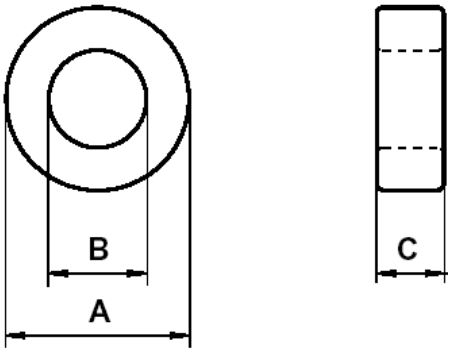
MAGNETICS ®
A Division of Spang & Company

Specification for:

ZJ41003TC

110 Delta Drive
Pittsburgh, PA 15238
Phone: 412/696-1333
Fax: 412/696-0333
Email:magnetics@spang.com

DIMENSIONS



(mm)	Uncoated Nominal:	Min:	Max:
O.D. (A)	9.53	9.38	10.17
I.D. (B)	4.75	4.2	4.8
Ht. (C)	3.18	3.13	3.73

Eff. Parameters		
A_e mm^2	l_e mm	V_e mm^3
7.3	20.7	151

INDUCTANCE

A_L value (nH/T^2)	Test conditions	
2196± 20%	10 kHz	0.5 mT (For N = 1, use 0.98 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 1000 V Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005.07.14	OD max = 10.16 ID min = 4.11 Ht max =3.69 LF: General J Material	OD max = 10.17 ID min = 4.20 Ht max =3.73 LF: Detail as indicated
2005.09.26	A_L value up to 200 kHz	A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz