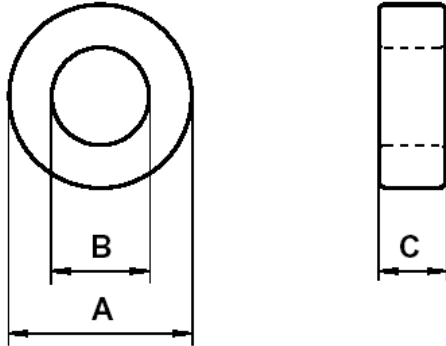




Specification for:
ZR43813TC

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)	38.1	37.45	39.25
I.D. (B)	19.0	17.9	19.55
Ht. (C)	12.45	12.56	13.34

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
114.2	82.9	9462

INDUCTANCE

AL value (nH/T ²)	Test conditions
3850 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.75 mA), 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
1.041 W (110 mW/cm ³)	946 mW (100 mW/cm ³)	100 kHz, 100 mT, 100°C
6.77 W (715 mW/cm ³)	6.15 W (650 mW/cm ³)	100 kHz, 200 mT, 100°C

COATING

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

NOTE

Spec. Modifications	Previous	Revised
2007.02.22	Nom Bare Ht = 12.7 Losses: General R material Breakdown voltage > 1,000 V	Nom Bare Ht = 12.45 Losses: Detail as indicated Breakdown voltage > 2,000 V _{DC}