

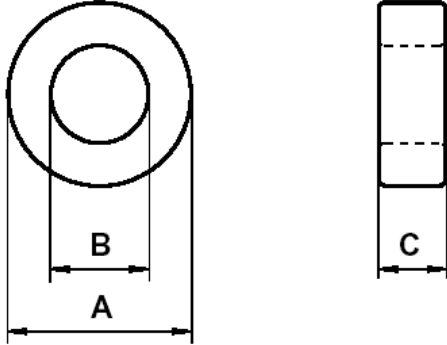


Specification for:

ZC41206TC

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)	5.16	4.52	5.3
Ht. (C)	6.35	6.29	6.91

Eff. Parameters		
A_e mm ²	l_e mm	V_e mm ³
22	25	550

INDUCTANCE

A_L value (nH/T ²)	Test conditions	
1029 ± 25%	10 kHz	0.5 mT (For N = 5, use 1.28 mA), 25°C

ELECTRICAL LOSSES

$\tan \delta / \mu_i$ max	$\tan \delta / \mu_i$ Typ	Test conditions	
$\leq 50 \cdot 10^{-6}$	$\leq 25 \cdot 10^{-6}$	300 kHz	0.5 mT, 25°C
$\leq 200 \cdot 10^{-6}$	$\leq 100 \cdot 10^{-6}$	1000 kHz	

TEMPERATURE FACTOR

α_F	Test conditions
$2.0 \cdot 10^{-6}$ to $-5.0 \cdot 10^{-6}$ /°C	+20°C to +40°C
$2.0 \cdot 10^{-6}$ to $-2.0 \cdot 10^{-6}$ /°C	+40°C to +70°C

COATING

Epoxy rated for 200°C continuous operation.

Voltage breakdown rating 1500 V_{DC} Min Wire-to-Wire.