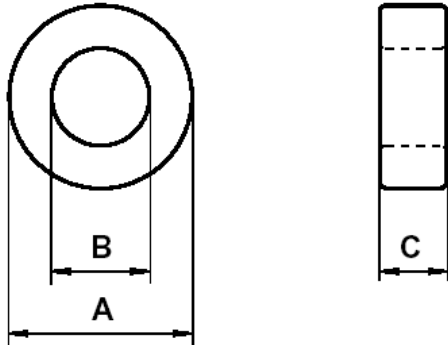




Specification for:  
**YM40502TC**

110 Zeta Drive  
Pittsburgh, PA 15238  
Phone: 412/696-1333  
Fax: 412/696-0333  
Email: [magnetics@spang.com](mailto:magnetics@spang.com)

**DIMENSIONS**



(mm)	Uncoated Nominal:	Min:	Max:
O.D. (A)	3.94	3.66	4.22
I.D. (B)	2.24	1.95	2.53
Ht. (C)	1.27	1.01	1.53

Eff. Parameters		
$A_e$ mm <sup>2</sup>	$l_e$ mm	$V_e$ mm <sup>3</sup>
1.05	9.2	9.68

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
2152± 30%	10 kHz, 0.5 mT (For N = 5, use 0.035mA), 25°C

**ELECTRICAL LOSSES**

$\tan \delta / \mu_i$	Production lot limit Average	Test conditions
$\leq 10.0 \cdot 10^{-6}$	$\leq 9.0 \cdot 10^{-6}$	10 kHz, 0.5 mT, 25°C

**COATING**

Parylene rated for 130°C continuous operation.
Voltage breakdown rating 1000 V Min Wire-to-Wire.

**NOTE**

Spec. Modifications	Previous	Revised