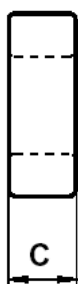
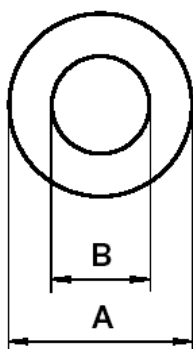




Specification for:
YW41003TC

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)	9.53	9.07	9.99
I.D. (B)	4.75	4.29	5.21
Ht. (C)	3.18	2.85	3.51

Eff. Parameters		
$A_e \text{ mm}^2$	$l_e \text{ mm}$	$V_e \text{ mm}^3$
7.3	20.7	151

INDUCTANCE

AL value (nH/T ²)	Test conditions
4392 ± 30%	10 kHz, 0.5 mT (For N = 5, use 0.1 mA), 25°C

ELECTRICAL LOSSES

$\tan \delta / \mu_i$	Production lot limit Average	Test conditions	
$\leq 3.5 \cdot 10^{-6}$	$\leq 3 \cdot 10^{-6}$	10 kHz	0.5 mT, 25°C
$\leq 55 \cdot 10^{-6}$	$\leq 45 \cdot 10^{-6}$	100 kHz	

COATING

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

NOTE

Spec. Modifications	Previous	Revised
2005.12.16	LF: General W material	LF: Detail as indicated