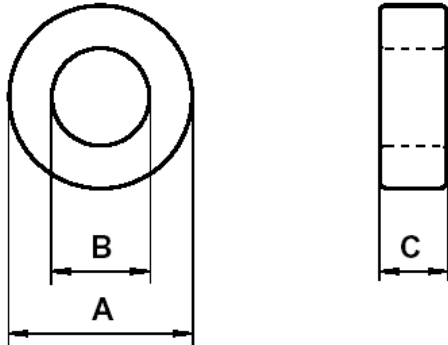




Specification for:  
**YL40603TC**

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)	5.84	5.48	6.20
I.D. (B)	3.05	2.69	3.41
Ht. (C)	3.18	2.85	3.51

Eff. Parameters		
$A_e$ mm <sup>2</sup>	$l_e$ mm	$V_e$ mm <sup>3</sup>
4.3	13	56

**INDUCTANCE**

AL value (nH/T <sup>2</sup> )	Test conditions
310 ± 25%	10 kHz, 0.5 mT (For N = 5, use 0.82 mA), 25°C

**CORE LOSSES**

$P_L$ max	Production lot limit Max avg	Test conditions
24.6 mW (440 mW/cm <sup>3</sup> )	22.4 mW (400 mW/cm <sup>3</sup> )	1 MHz, 50 mT, 100°C

**COATING**

Parylene rated for 130°C continuous operation.
Voltage breakdown rating 1000 V <sub>DC</sub> Min Wire-to-Wire.