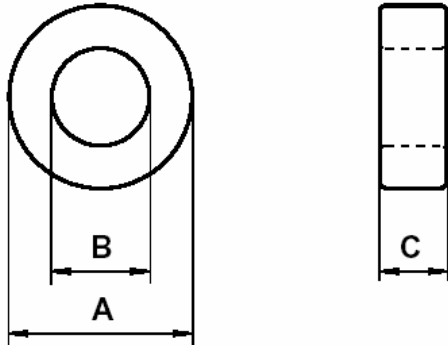




Specification for:  
**0W-40402-TC**

111 Zeta Drive  
 Pittsburgh, PA 15238  
 Phone: 412/696-1333  
 Fax: 412/696-0333  
 Email:magnetics@spang.com

**DIMENSIONS**



| (mm)     | Uncoated Nominal: | Min: | Max: |
|----------|-------------------|------|------|
| O.D. (A) | 4.83              | 4.63 | 5.03 |
| I.D. (B) | 2.29              | 2.08 | 2.5  |
| Ht. (C)  | 2.54              | 2.28 | 2.80 |

| Eff. Parameters       |          |                       |
|-----------------------|----------|-----------------------|
| $A_e$ mm <sup>2</sup> | $l_e$ mm | $V_e$ mm <sup>3</sup> |
| 3.1                   | 10.2     | 31.5                  |

**INDUCTANCE**

| AL value (nH/T <sup>2</sup> ) | Test conditions                               |
|-------------------------------|---|
| 3800 ± 30%                    | 10 kHz, 0.5 mT (For N = 5, use 0.05 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**

|          |
|----------|
| Uncoated |
|----------|

**NOTE**

| Spec. Modifications | Previous               | Revised                 |
|---------------------|------------------------|-------------------------|
| 2005.12.21          | LF: General W Material | LF: Detail as indicated |