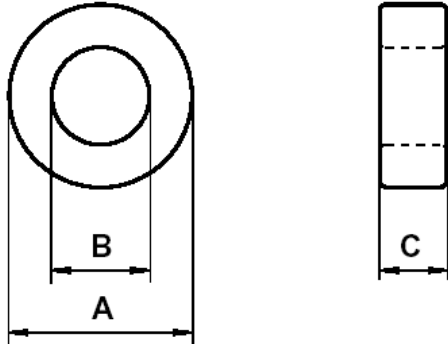




Specification for:  
**0W41605TC**

110 Delta 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) | 15.9              | 15.34 | 16.46 |
| I.D. (B) | 9.07              | 8.3   | 9.84  |
| Ht. (C)  | 4.7               | 4.44  | 4.96  |

| Eff. Parameters       |          |                       |
|-----------------------|----------|-----------------------|
| $A_e$ mm <sup>2</sup> | $l_e$ mm | $V_e$ mm <sup>3</sup> |
| 15.6                  | 37.2     | 580                   |

**INDUCTANCE**

| $A_L$ value (nH/T <sup>2</sup> ) | Test conditions |  |
|----------------------------------|-----------------|--|
| 5520 ± 30%                       | 10 kHz          | 0.5 mT (For N = 5, use 0.167 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                                  |
|---------------------|---|--|
| 2005.12.16          | Nom ID = 8.89<br>LF: General W material | Nom ID = 9.07<br>LF: Detail as indicated |