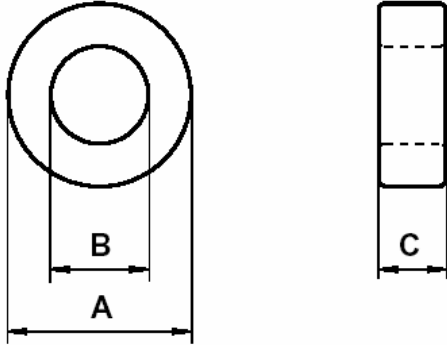




Specification for:  
**ZW41506TC**

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) | 13.2              | 12.93 | 13.97 |
| I.D. (B) | 7.37              | 6.60  | 8.64  |
| Ht. (C)  | 3.96              | 3.82  | 4.60  |

| Eff. Parameters                |                   |                                |
|--------------------------------|-------------------|--------------------------------|
| A <sub>e</sub> mm <sup>2</sup> | l <sub>e</sub> mm | V <sub>e</sub> mm <sup>3</sup> |
| 11.2                           | 30.6              | 343                            |

**INDUCTANCE**

| AL value (nH/T <sup>2</sup> ) | Test conditions                               |
|-------------------------------|---|
| 4590 ± 30%                    | 10 kHz, 0.5 mT (For N = 5, use 0.14 mA), 25°C |

**ELECTRICAL LOSSES**

| tan δ / μ <sub>i</sub>   | Production lot limit Average | Test conditions |              |
|--------------------------|------------------------------|-----------------|--------------|
| ≤ 3.5 · 10 <sup>-6</sup> | ≤ 3 · 10 <sup>-6</sup>       | 10 kHz          | 0.5 mT, 25°C |
| ≤ 55 · 10 <sup>-6</sup>  | ≤ 45 · 10 <sup>-6</sup>      | 100 kHz         |              |

**COATING**

|   |
|---|
| Epoxy rated for 200°C continuous operation.       |
| Voltage breakdown rating 1500 V Min Wire-to-Wire. |

**NOTE**

| Spec. Modifications | Previous   | Revised   |
|---------------------|--|---|
| 2006.01.12          | LF: General W material<br>Breakdown voltage > 1000 V | LF: Detail as indicated<br>Breakdown voltage > 1500 V |