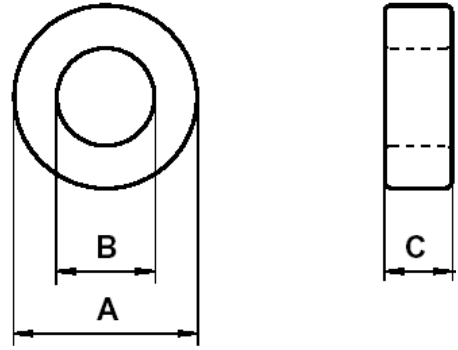




Specification for:  
**ZJ41306TC**

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) | 12.7              | 12.56       | 13.34       |
| I.D. (B) | 8.14              | 7.29        | 8.49        |
| Ht. (C)  | 6.35              | 6.29        | 6.91        |

| Eff. Parameters                |                   |                                |
|--------------------------------|-------------------|--------------------------------|
| A <sub>e</sub> mm <sup>2</sup> | l <sub>e</sub> mm | V <sub>e</sub> mm <sup>3</sup> |
| 14.2                           | 31.7              | 451.2                          |

**INDUCTANCE**

| A <sub>L</sub> value (nH/T <sup>2</sup> ) | Test conditions |                                      |
|---|-----------------|--------------------------------------|
| 2968 ± 20%                                | 10 kHz          | 0.5 mT (For N = 1 use 1.49 mA), 25°C |
| ≥ 0.9 x A <sub>L</sub> @ 10 kHz           | 200 kHz         |                                      |

**ELECTRICAL LOSSES**

| tan δ / μ <sub>i</sub> | Test conditions       |
|------------------------|-----------------------|
| ≤ 12·10 <sup>-6</sup>  | 100 kHz, 0.5 mT, 25°C |

**COATING**

|   |
|---|
| Epoxy rated for 200°C continuous operation.                     |
| Voltage breakdown rating 1,500 V <sub>DC</sub> Min Wire-to-Wire |

**NOTE**

| Spec. Modifications | Previous                                | Revised                                  |
|---------------------|---|--|
| 2006.10.31          | Nom ID = 7.92<br>LF: General J Material | Nom ID = 8.14<br>LF: Detail as indicated |