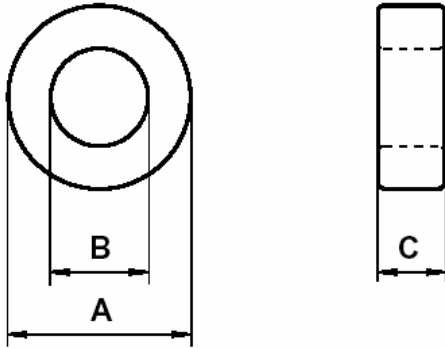




Specification for:  
**0J42207TC**

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) | 22.1              | 21.72 | 22.48 |
| I.D. (B) | 13.7              | 13.33 | 14.07 |
| Ht. (C)  | 7.9               | 7.66  | 8.18  |

| Eff. Parameters                |                   |                                |
|--------------------------------|-------------------|--------------------------------|
| A <sub>e</sub> mm <sup>2</sup> | l <sub>e</sub> mm | V <sub>e</sub> mm <sup>3</sup> |
| 32.5                           | 54.2              | 1763                           |

**INDUCTANCE**

| A <sub>L</sub> value (nH/T <sup>2</sup> ) | Test conditions |                                      |
|---|-----------------|--------------------------------------|
| 3700 ± 20%                                | 10 kHz          | 0.5 mT (For N = 1, use 2.6 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**

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

**NOTE**

| Spec. Modifications | Previous   | Revised   |
|---------------------|--|---|
| 2006.01.13          | Bare Nom Ht = 7.92<br>LF: General J material<br>A <sub>L</sub> value up to 200 kHz | Bare Nom Ht = 7.90<br>LF: Detail as indicated<br>A <sub>L</sub> at 200 kHz ≥ 0.9 x A <sub>L</sub> at 10 kHz |