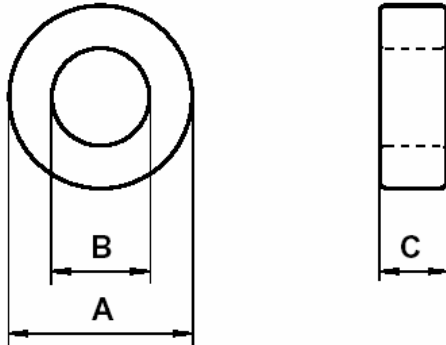




Specification for:  
**0F41406TC**

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) | 12.7              | 12.44 | 12.96 |
| I.D. (B) | 7.14              | 6.88  | 7.4   |
| Ht. (C)  | 6.35              | 6.17  | 6.53  |

| Eff. Parameters                |                   |                                |
|--------------------------------|-------------------|--------------------------------|
| A <sub>e</sub> mm <sup>2</sup> | l <sub>e</sub> mm | V <sub>e</sub> mm <sup>3</sup> |
| 17.1                           | 29.5              | 506.7                          |

**INDUCTANCE**

| AL value (nH/T <sup>2</sup> ) | Test conditions                               |
|-------------------------------|---|
| 2166 ± 20%                    | 10 kHz, 0.5 mT (For N = 5, use 0.47 mA), 25°C |

**CORE LOSSES**

| P <sub>L</sub> max                  | Production lot limit<br>Max avg      | Test conditions       |
|-------------------------------------|--------------------------------------|-----------------------|
| 109 mW<br>(215 mW/cm <sup>3</sup> ) | 99.3 mW<br>(196 mW/cm <sup>3</sup> ) | 25 kHz, 200 mT, 100°C |
| -                                   | -                                    | -                     |

**COATING**

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

**NOTE**

| Spec. modifications | Previous                   | Revised                     |
|---------------------|----------------------------|-----------------------------|
| 2006.01.17          | Losses: General F material | Losses: Detail as indicated |