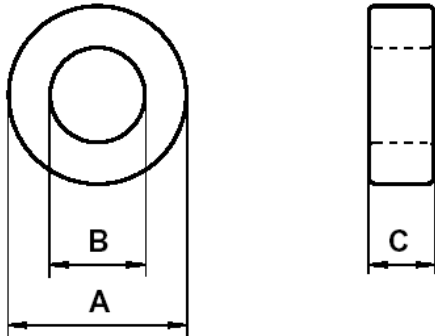




Specification for:
ZF44419TC

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) | 44.3 | 43.5 | 45.6 |
| I.D. (B) | 19.0 | 17.9 | 19.6 |
| Ht. (C) | 19.1 | 19.06 | 20.14 |

| Eff. Parameters | | |
|-----------------------|----------|-----------------------|
| A_e mm ² | l_e mm | V_e mm ³ |
| 228 | 88.4 | 20146 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 9550 ± 20% | 10 kHz, 0.5 mT (For N = 5, use 1.41 mA), 25°C |

CORE LOSSES

| P_L max | Production lot limit Max avg | Test conditions |
|-------------------------------------|-------------------------------------|-----------------------|
| 4.43 W (220 mW/cm ³) | 4.03 W (200 mW/cm ³) | 25 kHz, 200 mT, 100°C |

COATING

| |
|---|
| Epoxy rated for 200°C continuous operation. |
| Voltage breakdown rating 2000 V _{DC} Min Wire-to-Wire. |

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|----------------------------|-----------------------------|
| 2008.06.27 | Bare Nom OD = 44.5 | Bare Nom OD = 44.3 |
| | Losses: General F material | Losses: Detail as indicated |