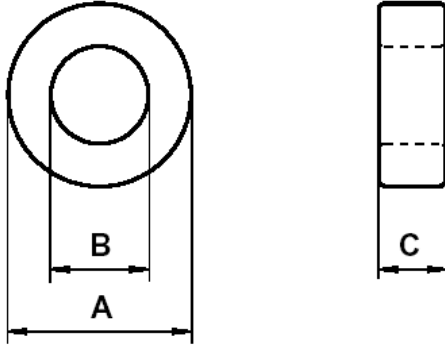




Specification for:
ZW44416TC

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 | 43.12 | 45.98 |
| I.D. (B) | 19.0 | 17.52 | 19.98 |
| Ht. (C) | 15.7 | 15.55 | 16.85 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 187 | 88 | 16559 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|--|
| 23200 ± 30% | 10 kHz, 0.5 mT (For N = 5, use 0.5 mA), 25°C |

ELECTRICAL LOSSES

| tan δ / μ _i | Production lot limit Average | Test conditions | |
|--------------------------|------------------------------|-----------------|--------------|
| ≤ 5.0 · 10 ⁻⁶ | ≤ 4.0 · 10 ⁻⁶ | 10 kHz | 0.5 mT, 25°C |
| ≤ 80 · 10 ⁻⁶ | ≤ 60 · 10 ⁻⁶ | 100 kHz | |

COATING

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

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|---|---|
| 2006.12.05 | LF: General W material | LF: Detail as indicated |
| 2007.02.15 | Bare Nom OD = 44.5 Bare Nom Ht = 15.9 Breakdown voltage > 1,000 V | Bare Nom OD = 44.3 Bare Nom Ht = 15.7 Breakdown voltage > 2,000 V _{DC} |