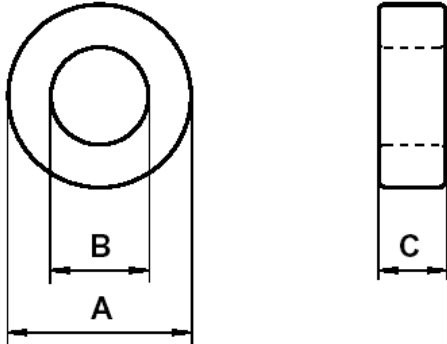




Specification for:
ZW41407TC

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 | 12.43 | 13.47 |
| I.D. (B) | 7.14 | 6.37 | 7.41 |
| Ht. (C) | 4.78 | 4.67 | 5.41 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 12.9 | 29.5 | 381 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 5430 ± 30% | 10 kHz, 0.5 mT (For N = 5, use 0.14 mA), 25°C |

ELECTRICAL LOSSES

| tan δ / μ _i | Production lot limit Average | Test conditions | |
|--------------------------|------------------------------|-----------------|--------------|
| ≤ 3.5 · 10 ⁻⁶ | ≤ 3 · 10 ⁻⁶ | 10 kHz | 0.5 mT, 25°C |
| ≤ 55 · 10 ⁻⁶ | ≤ 45 · 10 ⁻⁶ | 100 kHz | |

COATING

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

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|---|--|
| 2005.12.16 | Breakdown voltage > 1,000 V LF: General W material | Breakdown voltage > 1,500 V LF: Detail as indicated |