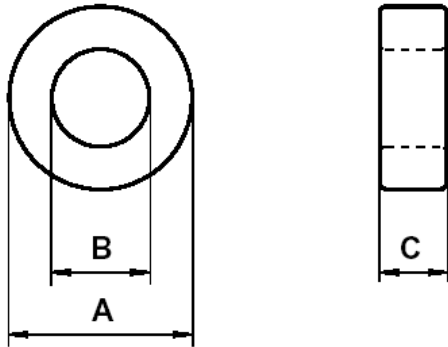




Specification for:
ZR41305TC

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) | 12.70 | 12.56 | 13.34 |
| I.D. (B) | 8.14 | 7.29 | 8.49 |
| Ht. (C) | 5.08 | 5.02 | 5.64 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 11.4 | 31.7 | 361 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 1090 ± 25% | 10 kHz, 0.5 mT (For N = 5, use 0.62 mA), 25°C |

CORE LOSSES

| P _L max | Production lot limit Max avg | Test conditions |
|--------------------------------------|--------------------------------------|------------------------|
| 40.9 mW (110 mW/cm ³) | 37.2 mW (100 mW/cm ³) | 100 kHz, 100 mT, 100°C |
| 266 mW (715 mW/cm ³) | 242 mW (650 mW/cm ³) | 100 kHz, 200 mT, 100°C |

COATING

| |
|---|
| Epoxy rated for 200°C continuous operation. |
| Voltage breakdown rating 1500 V _{DC} Min Wire-to-Wire. |

NOTE

| Spec. modifications | Previous | Revised |
|---------------------|---|--|
| 2008.01.04 | Bare Nom ID = 7.92 Losses: General R material Breakdown voltage > 1,000 V | Bare Nom ID = 8.14 Losses: Detail as indicated Breakdown voltage > 1,500 V _{DC} |