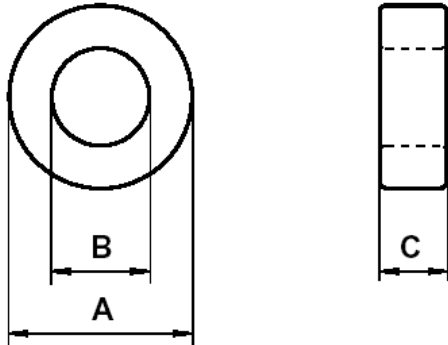




Specification for:
YR41003TC

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) | 9.53 | 9.2 | 9.86 |
| I.D. (B) | 4.75 | 4.42 | 5.08 |
| Ht. (C) | 3.18 | 2.98 | 3.38 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 7.3 | 20.7 | 151 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|--|
| 1000 ± 25% | 10 kHz, 0.5 mT (For N = 5, use 0.4 mA), 25°C |

CORE LOSSES

| P _L max | Production lot limit Max avg | Test conditions |
|--------------------------------------|--------------------------------------|------------------------|
| 16.6 mW (110 mW/cm ³) | 15.1 mW (100 mW/cm ³) | 100 kHz, 100 mT, 100°C |
| 108 mW (715 mW/cm ³) | 98.2 mW (650 mW/cm ³) | 100 kHz, 200 mT, 100°C |

COATING

| |
|--|
| Parylene rated for 130°C continuous operation. |
| Voltage breakdown rating 1000V Min Wire-to-Wire. |

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|----------------------------|-----------------------------|
| 2005.06.08 | Losses: General R material | Losses: Detail as indicated |