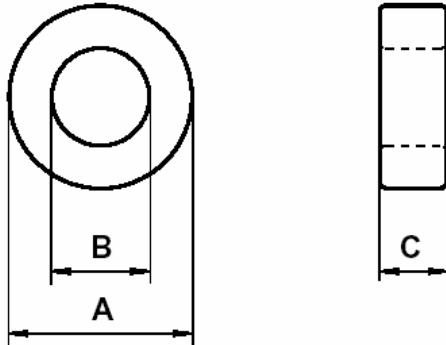




Specification for:
VF-41407-TC

111 Zeta 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 | 12.85 | 13.55 |
| I.D. (B) | 7.35 | 6.3 | 7.0 |
| Ht. (C) | 4.78 | 4.93 | 5.43 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 12.4 | 29.9 | 374 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 1630 ± 20% | 10 kHz, 0.5 mT (For N = 5, use 0.45 mA), 25°C |

CORE LOSSES

| P _L max | Production lot limit Max avg | Test conditions |
|--------------------------------------|--------------------------------------|-----------------------|
| 82.3 mW (220 mW/cm ³) | 74.8 mW (200 mW/cm ³) | 25 kHz, 200 mT, 100°C |
| - | - | - |

COATING

| |
|---|
| Nylon 11 rated for 155°C continuous operation. |
| Voltage breakdown rating 1500 V min Wire-to-Wire. |

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|---|--|
| 2006.01.17 | Nom ID = 7.14 OD max = 13.34 ID min = 6.50 Ht max = 5.29 Losses: General F material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy) | Nom ID = 7.35 OD max = 13.55 ID min = 6.30 Ht max = 5.43 Losses : Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified) |