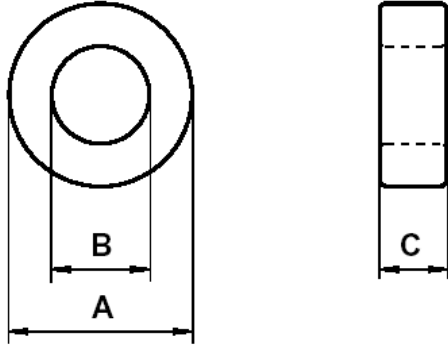




Specification for:
ZF42207TC

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) | 22.1 | 21.84 | 22.86 |
| I.D. (B) | 13.7 | 12.95 | 13.95 |
| Ht. (C) | 7.8 | 7.84 | 8.56 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 32.1 | 54.1 | 1740 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 2250 ± 20% | 10 kHz, 0.5 mT (For N = 5, use 0.84 mA), 25°C |

CORE LOSSES

| P _L max | Production lot limit Max avg | Test conditions |
|-------------------------------------|-------------------------------------|-----------------------|
| 388 mW (222 mW/cm ³) | 352 mW (202 mW/cm ³) | 25 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 |
|---------------------|---|--|
| 2006.06.22 | Bare Nom Ht = 7.92 Losses: General F material Breakdown voltage > 1,000 V | Bare Nom Ht = 7.8 Losses : Detail as indicated Breakdown voltage > 1,500 V _{DC} |