

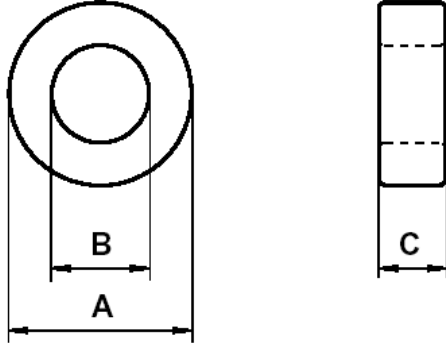


Specification for:

ZR44925TC

110 Delta Drive
 Pittsburgh, PA 15238
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DIMENSIONS



| (mm) | Uncoated Nominal: | Coated Min: | Coated Max: |
|----------|-------------------|-------------|-------------|
| O.D. (A) | 49.1 | 48.48 | 50.22 |
| I.D. (B) | 31.8 | 30.65 | 32.45 |
| Ht. (C) | 18.8 | 18.78 | 19.82 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 160.1 | 123.2 | 19717 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 3420 ± 25% | 10 kHz, 0.5 mT (For N = 5, use 2.8 mA) 25°C |

CORE LOSSES

| P _L max | Production lot limit Max avg | Test conditions |
|-------------------------------------|-------------------------------------|------------------------|
| 2.60 W (132 mW/cm ³) | 2.37 W (120 mW/cm ³) | 100 kHz, 100 mT, 100°C |
| 16.9 W (858 mW/cm ³) | 15.4 W (780 mW/cm ³) | 100 kHz, 200 mT, 100°C |

COATING

Epoxy rated for 200°C continuous operation.

Voltage breakdown rating 2000 V_{DC} Min Wire-to-Wire.

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|--|--|
| 2007.05.10 | Bare Nom Ht = 19.05 Losses: General R material Breakdown voltage > 1,000 V | Bare Nom Ht = 18.8 Losses: Detail as indicated Breakdown voltage > 2,000 V _{DC} |