

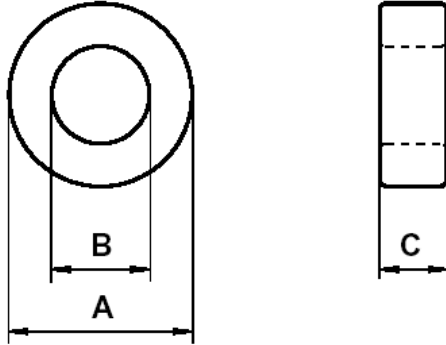


Specification for:

ZR41407TC

110 Delta Drive
 Pittsburgh, PA 15238
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DIMENSIONS



| (mm) | Uncoated Nominal: | Coated Min: | Coated Max: |
|----------|-------------------|-------------|-------------|
| O.D. (A) | 12.7 | 12.56 | 13.34 |
| I.D. (B) | 7.14 | 6.5 | 7.28 |
| Ht. (C) | 4.78 | 4.77 | 5.29 |

| Eff. Parameters | | |
|-----------------------|----------|-----------------------|
| A_e mm ² | l_e mm | V_e mm ³ |
| 12.9 | 29.5 | 381 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 1240 ± 25% | 10 kHz, 0.5 mT (For N = 5, use 0.61 mA), 25°C |

CORE LOSSES

| P_L max | Production lot limit Max avg | Test conditions |
|--------------------------------------|--------------------------------------|------------------------|
| 41.9 mW (110 mW/cm ³) | 38.1 mW (100 mW/cm ³) | 100 kHz, 100 mT, 100°C |
| 272 mW (715 mW/cm ³) | 248 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 |
|---------------------|---|---|
| 2006.06.26 | Losses: General R material Breakdown voltage > 1,000 V | Losses : Detail as indicated Breakdown voltage > 1,500 V _{DC} |