



Specification for:
ZR43615TC

110 Delta Drive
Pittsburgh, PA 15238
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DIMENSIONS



| (mm) | Uncoated Nominal: | Coated Min: | Coated Max: |
|----------|-------------------|-------------|-------------|
| O.D. (A) | 36.0 | 35.35 | 37.15 |
| I.D. (B) | 23.0 | 22.05 | 23.45 |
| Ht. (C) | 14.6 | 14.4 | 15.6 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 93.3 | 89.6 | 8366 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 3100 ± 25% | 10 kHz, 0.5 mT (For N = 5, use 0.36 mA), 25°C |

CORE LOSSES

| P _L max | Production lot limit Max avg | Test conditions |
|--|--|------------------------|
| 920.26 mW (110 mW/cm ³) | 836.60 mW (100 mW/cm ³) | 100 kHz, 100 mT, 100°C |
| 5.98 W (715 mW/cm ³) | 5.44 W (650 mW/cm ³) | 100 kHz, 200 mT, 100°C |

COATING

| |
|---|
| Epoxy rated for 200°C continuous operation. |
| Voltage breakdown rating 2000 V Min Wire-to-Wire. |

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|---|---|
| 2006.01.09 | Bare Nom Ht = 15 OD Max = 36.89 ID Min = 22.12 Ht Max = 15.63 Losses: General R material Breakdown voltage > 1,000 V | Bare Nom Ht = 14.6 OD Max = 37.15 ID Min = 22.05 Ht Max = 15.6 Losses: Detail as indicated Breakdown voltage > 2,000 V |