

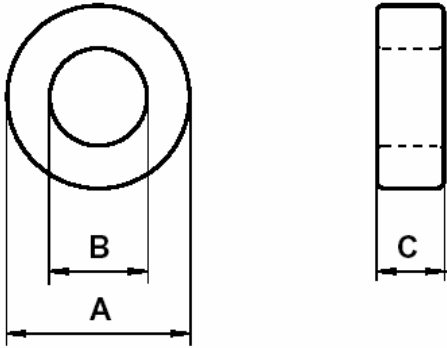


Specification for:

**ZJ44932TC**

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**DIMENSIONS**



| (mm)     | Uncoated Nominal: | Coated Min: | Coated Max: |
|----------|-------------------|-------------|-------------|
| O.D. (A) | 49.1              | 48.48       | 50.22       |
| I.D. (B) | 33.8              | 32.69       | 34.41       |
| Ht. (C)  | 31.3              | 30.96       | 32.64       |

| Eff. Parameters       |          |                       |
|-----------------------|----------|-----------------------|
| $A_e$ mm <sup>2</sup> | $l_e$ mm | $V_e$ mm <sup>3</sup> |
| 237                   | 127      | 30116                 |

**INDUCTANCE**

| $A_L$ value (nH/T <sup>2</sup> ) | Test conditions |                                      |
|----------------------------------|-----------------|--------------------------------------|
| 11800 ± 20%                      | 10 kHz          | 0.5 mT (For N = 1, use 6.0 mA), 25°C |
| ≥ 0.9 x $A_L$ @ 10 kHz           | 200 kHz         |                                      |

**ELECTRICAL LOSSES**

| $\tan \delta / \mu_i$ | Test conditions       |
|-----------------------|-----------------------|
| ≤ 20·10 <sup>-6</sup> | 100 kHz, 0.5 mT, 25°C |

**COATING**

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

**NOTE**

| Spec. Modifications | Previous  | Revised   |
|---------------------|---|---|
| 2006.01.14          | Bare Nom Ht = 31.8<br>LF: General J Material<br>$A_L$ value up to 200 kHz<br>Breakdown voltage > 1000 V | Bare Nom Ht = 31.3<br>LF: Detail as indicated<br>$A_L$ at 200 kHz ≥ 0.9 x $A_L$ at 10 kHz<br>Breakdown voltage > 2000 V |