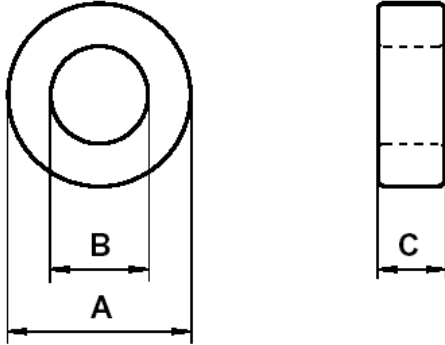




Specification for:
ZJ41305TC

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) | 12.70 | 12.56 | 13.34 |
| I.D. (B) | 8.14 | 7.29 | 8.49 |
| Ht. (C) | 5.08 | 5.21 | 5.75 |

| Eff. Parameters | | |
|--------------------------------|-------------------|--------------------------------|
| A _e mm ² | l _e mm | V _e mm ³ |
| 11.3 | 31.6 | 360 |

INDUCTANCE

| A _L value (nH/T ²) | Test conditions | |
|---|-----------------|--------------------------------------|
| 2380 ± 20% | 10 kHz | 0.5 mT (For N = 1, use 1.41mA), 25°C |
| ≥ 0.9 x A _L @ 10 kHz | 200 kHz | |

ELECTRICAL LOSSES

| tan δ / μ _i | Test conditions |
|------------------------|-----------------------|
| ≤ 12·10 ⁻⁶ | 100 kHz, 0.5 mT, 25°C |

COATING

| |
|---|
| Epoxy rated for 200°C continuous operation. |
| Voltage breakdown rating 1500 V _{DC} Min Wire-to-Wire. |

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|---|--|
| 2006.12.11 | Nom ID = 7.92 Ht max = 5.64 LF: General J Material Breakdown voltage > 1,000 V A _L value up to 200 kHz | Nom ID = 8.14 Ht max = 5.75 LF: Detail as indicated Breakdown voltage > 1,500 V _{DC} A _L at 200 kHz ≥ 0.9 x A _L at 10 kHz |