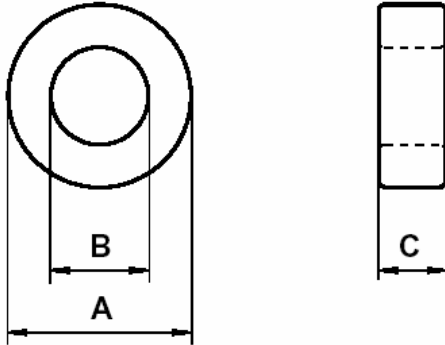




Specification for:
ZJ41005TC

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) | 9.53 | 9.38 | 10.17 |
| I.D. (B) | 4.75 | 4.20 | 4.80 |
| Ht. (C) | 4.78 | 4.73 | 5.33 |

| Eff. Parameters | | |
|-----------------------|----------|-----------------------|
| A_e mm ² | l_e mm | V_e mm ³ |
| 10.9 | 20.7 | 227 |

INDUCTANCE

| A_L value (nH/T ²) | Test conditions | |
|----------------------------------|-----------------|---------------------------------------|
| 3308 ± 20% | 10 kHz | 0.5 mT (For N = 1, use 0.97 mA), 25°C |
| ≥ 0.9 x A_L @ 10 kHz | 200 kHz | |

ELECTRICAL LOSSES

| $\tan \delta / \mu_i$ | Test conditions |
|-----------------------|-----------------------|
| ≤ 12·10 ⁻⁶ | 100 kHz, 0.5 mT, 25°C |

COATING

| |
|---|
| Epoxy rated for 200°C continuous operation. |
| Voltage breakdown rating 1000 V Min Wire-to-Wire. |

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|--|---|
| 2005.06.09 | OD max = 10.16 ID min = 4.11 Ht max = 5.29 LF: General J Material | OD max = 10.17 ID min = 4.20 Ht max = 5.33 LF: Detail as indicated |
| 2005.09.26 | A_L value up to 200 kHz | A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz |