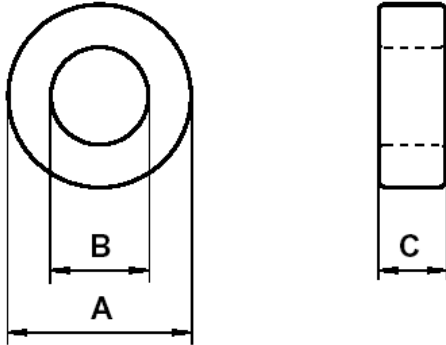




Specification for:
ZR49740TC

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) | 140 | 137.3 | 143.5 |
| I.D. (B) | 106 | 103.6 | 107.8 |
| Ht. (C) | 25 | 24.2 | 26.4 |

| Eff. Parameters | | |
|-----------------------|----------|-----------------------|
| A_e mm ² | l_e mm | V_e mm ³ |
| 422.30 | 381.50 | 161086 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 3200 ± 25% | 10 kHz, 0.5 mT (For N = 5, use 7.77 mA), 25°C |

CORE LOSSES

| P_L max | Production lot limit Max avg | Test conditions |
|-------------------------------------|-------------------------------------|------------------------|
| 24.9 W (155 mW/cm ³) | 22.7 W (141 mW/cm ³) | 100 kHz, 100 mT, 100°C |
| 162 W (1007 mW/cm ³) | 147 W (916 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. |