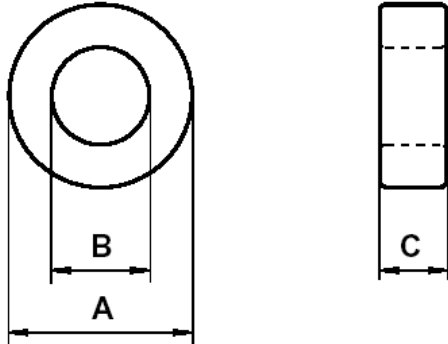




Specification for:
YW41303TC

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) | 12.7 | 12.24 | 13.16 |
| I.D. (B) | 7.92 | 7.45 | 8.39 |
| Ht. (C) | 3.18 | 2.82 | 3.54 |

| Eff. Parameters | | |
|-----------------------|----------|-----------------------|
| A_e mm ² | l_e mm | V_e mm ³ |
| 7.5 | 31.2 | 233 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions |
|-------------------------------|---|
| 2976 ± 30% | 10 kHz, 0.5 mT (For N = 5, use 0.15 mA), 25°C |

ELECTRICAL LOSSES

| $\tan \delta / \mu_i$ | Production lot limit Average | Test conditions | |
|--------------------------|------------------------------|-----------------|--------------|
| $\leq 3.5 \cdot 10^{-6}$ | $\leq 3 \cdot 10^{-6}$ | 10 kHz | 0.5 mT, 25°C |
| $\leq 55 \cdot 10^{-6}$ | $\leq 45 \cdot 10^{-6}$ | 100 kHz | |

COATING

| |
|--|
| Parylene rated for 130°C continuous operation. |
| Voltage breakdown rating 1,000 V Min Wire-to-Wire. |

NOTE

| Spec. Modifications | Previous | Revised |
|---------------------|----------|---------|
| | | |