



Specification for:  
**VF41406TC**

110 Delta Drive  
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**DIMENSIONS**



| (mm)     | Uncoated Nominal: | Coated Min: | Coated Max: |
|----------|-------------------|-------------|-------------|
| O.D. (A) | 12.7              | 12.85       | 13.55       |
| I.D. (B) | 7.35              | 6.3         | 7.0         |
| Ht. (C)  | 6.35              | 6.4         | 7.1         |

| Eff. Parameters                |                   |                                |
|--------------------------------|-------------------|--------------------------------|
| A <sub>e</sub> mm <sup>2</sup> | l <sub>e</sub> mm | V <sub>e</sub> mm <sup>3</sup> |
| 16.5                           | 29.9              | 496.7                          |

**INDUCTANCE**

| AL value (nH/T <sup>2</sup> ) | Test conditions                               |
|-------------------------------|---|
| 2166 ± 20%                    | 10 kHz, 0.5 mT (For N = 5, use 0.47 mA), 25°C |

**CORE LOSSES**

| P <sub>L</sub> max                  | Production lot limit Max avg         | Test conditions       |
|-------------------------------------|--------------------------------------|-----------------------|
| 109 mW<br>(220 mW/cm <sup>3</sup> ) | 99.3 mW<br>(200 mW/cm <sup>3</sup> ) | 25 kHz, 200 mT, 100°C |
| -                                   | -                                    | -                     |

**COATING**

|   |
|---|
| Nylon 11 rated for 155°C continuous operation.    |
| Voltage breakdown rating 1500 V min Wire-to-Wire. |

**NOTE**

| Spec. Modifications | Previous  | Revised   |
|---------------------|---|---|
| 2006.01.17          | Nom ID = 7.14<br>OD max = 13.34<br>ID min = 6.50<br>Ht max = 6.91<br>Losses: General F material<br>Breakdown voltage > 1,000 V<br>P/N prefix for coating = Z (nylon or epoxy) | Nom ID = 7.35<br>OD max = 13.55<br>ID min = 6.30<br>Ht max = 7.1<br>Losses : Detail as indicated<br>Breakdown voltage > 1,500 V<br>P/N prefix for coating = V (nylon specified) |