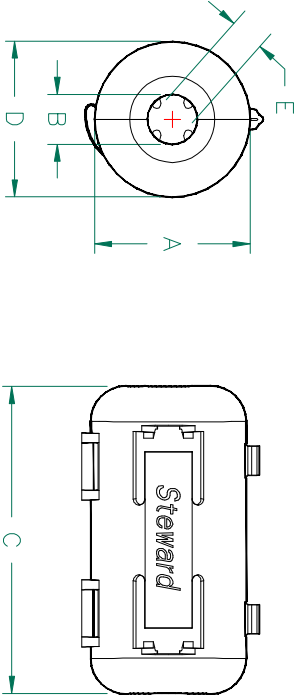


CORE DIMENSIONS(SPEC): mm [in]

|   |               |   |             |
|---|---------------|---|-------------|
| A | 14.99 [.590]  | + | 0.23 [.009] |
| B | 6.76 [.266]   | + | 0.25 [.010] |
| C | 28.83 [1.135] | + | 0.51 [.020] |
| D | 7.49 [.295]   | + | 0.18 [.007] |



CASE DIMENSIONS(SPEC): mm [in]

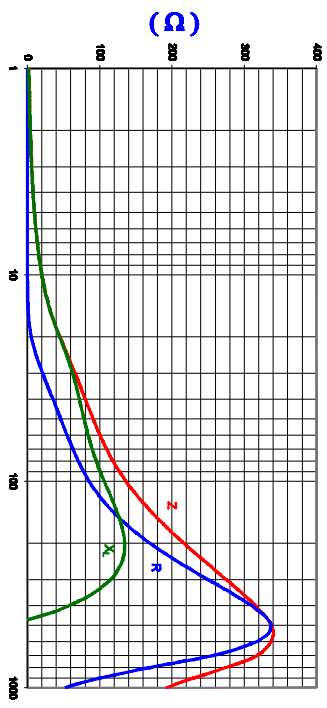
|   |               |   |             |
|---|---------------|---|-------------|
| A | 21.00 [.827]  | + | 0.25 [.010] |
| B | 6.80 [.268]   | + | 0.25 [.010] |
| C | 41.70 [1.642] | + | 0.50 [.020] |
| D | 21.00 [.827]  | + | 0.50 [.020] |
| E | 4.85 [.191]   | + | Ref.        |

**UNCONTROLLED DOCUMENT**

| *NET IMPEDANCE (Z) |         |         |       |
|--------------------|---------|---------|-------|
| Frequency          | 300 MHz | 500 MHz | 1 GHz |
| Nominal (REF)      | 275 Ω   | 340 Ω   | 200 Ω |
| Minimum            | - Ω     | 272 Ω   | - Ω   |

\* NET IMPEDANCE IS IMPEDANCE OF THE FERRITE CORE ONLY. ALL IMPEDANCE CONTRIBUTION FROM TEST WIRE AND FIXTURES HAS BEEN REMOVED.

NET Z,R AND X vs. FREQUENCY (REF. ONLY)



AGILENT E4991A Impedance Material Analyzer  
HP 16092A-Test Fixture REF 2927

- NOTES:
1. ASSEMBLED PART #: HFA150068-0A2
  2. CASE COLOR: BLACK - "0A2"

|                               |  |          |     |
|-------------------------------|--|----------|-----|
| DIMENSIONS ARE IN mm[INCHES]. |  |          |     |
| REV                           | DESCRIPTION  | DATE     | INT |
| A                             | ORIGINAL DRAFT   | 09/02/04 | JRK |
| B                             | REMOVE NOTES 1, 3, & 5 REMOVE CORE & CASE P/Ns REV CASE DIMS & TOLS ADD DIM E TO CASE ADJUST CORE DIM B, C, & D TOLERANCES | 05/15/06 | TMB |

**Steward**

|                       |            |                 |           |
|-----------------------|------------|-----------------|-----------|
| PROJECT/PART NUMBER:  | REV:       | PART TYPE:      | DRAWN BY: |
| HFA150068-0A2         | B          | FERRITE SNAP-ON | JRK       |
| DATE: 09/02/04        | SCALE: NTS | MATERIAL:       |           |
| CAD # HFA150068-0A2-B | TOOL #     | NiZn Ferrite    |           |

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