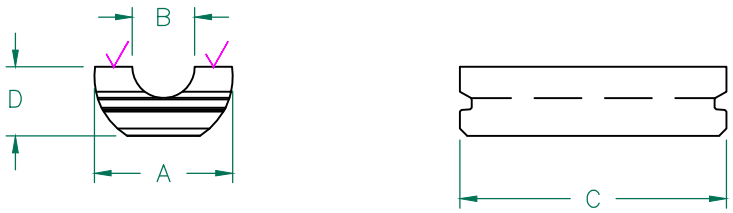


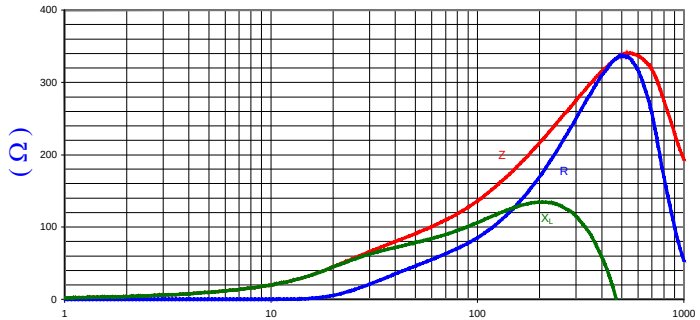

| *NET IMPEDANCE ( Z ) | | | |
|---|---|---|---|
| Frequency | 300 MHz | 500 MHz | 1 GHz |
| Nominal (REF) | 275 Ω | 340 Ω | 200 Ω |
| Minimum | - Ω | 272 Ω | - Ω |

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

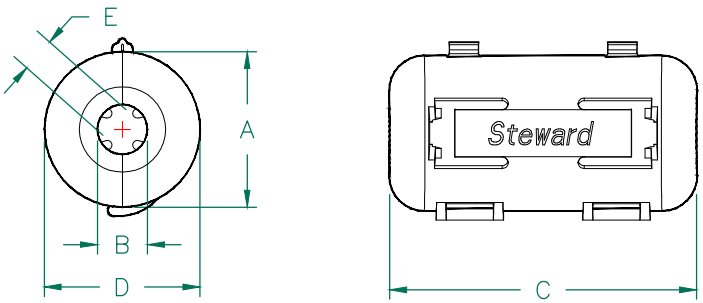
CORE DIMENSIONS(SPEC): mm [in]

| | | | |
|---|---|---|---|
| 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] |

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"

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. |

DIMENSIONS ARE IN mm[INCHES].

| REV | DESCRIPTION | DATE | INT |
|---|---|---|---|
| C | UPDATED LOGO | 03/13/13 | QIU |
| 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 |
| A | ORIGINAL DRAFT | 09/02/04 | JRK |

This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.

Laird

| PROJECT/PART NUMBER: | REV | PART TYPE: | DRAWN BY: |
|---|---|---|---|
| HFA150068-0A2 | C | FERRITE SNAP-ON | JRK |

| DATE: | SCALE: | MATERIAL: |
|---|---|---|
| 09/02/04 | NTS | NiZn Ferrite |

CAD # HFA150068-0A2-C
TOOL #