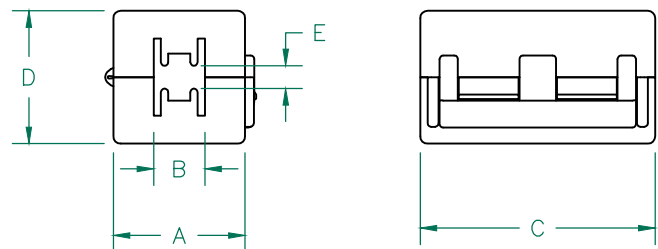


#### CORE DIMENSIONS:

|   |               |   |             |
|---|---------------|---|-------------|
| A | 14.99 [.590]  | ± | 0.30 [.012] |
| B | 6.60 [.260]   | ± | 0.20 [.008] |
| C | 29.16 [1.148] | ± | 0.64 [.025] |
| D | 7.44 [.293]   | ± | 0.15 [.006] |

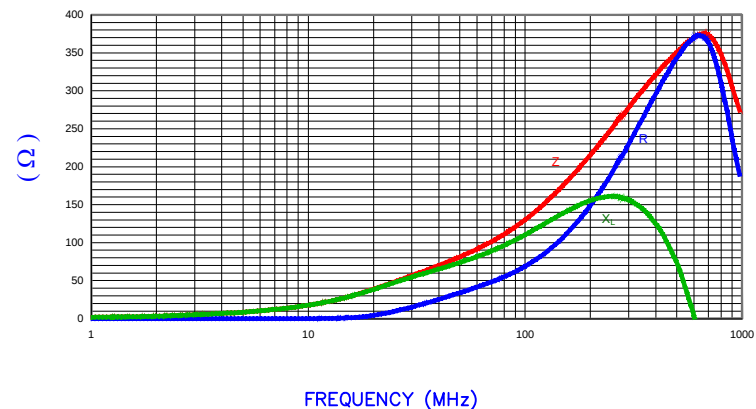


#### CASE DIMENSIONS:

|   |               |   |             |
|---|---------------|---|-------------|
| A | 18.15 [.715]  | ± | 1.00 [.039] |
| B | 7.05 [.278]   | ± | 0.35 [.014] |
| C | 32.50 [1.280] | ± | 1.00 [.039] |
| D | 18.90 [.744]  | ± | 1.00 [.039] |
| E | 3.40 [.134]   |   | Ref.        |

| NET IMPEDANCE ( Z ) |         |         |       |
|---------------------|---------|---------|-------|
| Frequency           | 300 MHz | 500 MHz | 1 GHz |
| Nominal (REF)       | 274 Ω   | 350 Ω   | 256 Ω |
| Minimum             | - Ω     | 280 Ω   | - Ω   |

NET Z,R AND X vs. FREQUENCY



AGILENT E4991A Impedance/Material Analyzer  
HP 16092A-Test Fixture, REF#3889



#### NOTES:

1. ASSEMBLED PART #: HFA150066-0A2
2. CASE COLOR: BLACK - "0A2"
3. COSMETIC SPECIFICATION REFER TO WI-QA-038.

| DIMENSIONS ARE IN mm[INCHES]. |                                                                                                                                         |          |      | 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. |  |  |  |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| E                             | UPDATE LOGO                                                                                                                             | 07/23/15 | QIU  |                                                                                                                                                                                                                                                         |  |  |  |
| D                             | UPDATE CASE TOLERANCE                                                                                                                   | 11/09/12 | Jcai |                                                                                                                                                                                                                                                         |  |  |  |
| C                             | REMOVE CORE & CASE P/N REFERENCE                                                                                                        | 05/17/06 | TMB  |                                                                                                                                                                                                                                                         |  |  |  |
| B                             | REMOVE NOTES 1, 3, & 4 CHANGE CORE "C" & "D" DIM TOLERANCES TO ±0.64 [.025] & ±0.15 [.006] REVISE CASE DIMS A, B, & D ADD DIM E TO CASE | 04/01/06 | TMB  |                                                                                                                                                                                                                                                         |  |  |  |
| A                             | ORIGINAL DRAFT                                                                                                                          | 08/23/04 | JRK  | PROJECT/PART NUMBER: HFA150066-0A2<br>DATE: 08/23/04<br>CAD # HFA150066-0A2-E                                                                                                                                                                           |  |  |  |
| REV                           | DESCRIPTION                                                                                                                             | DATE     | INT  | SCALE: NTS<br>TOOL # -<br>MATERIAL: Ferrite                                                                                                                                                                                                             |  |  |  |

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