

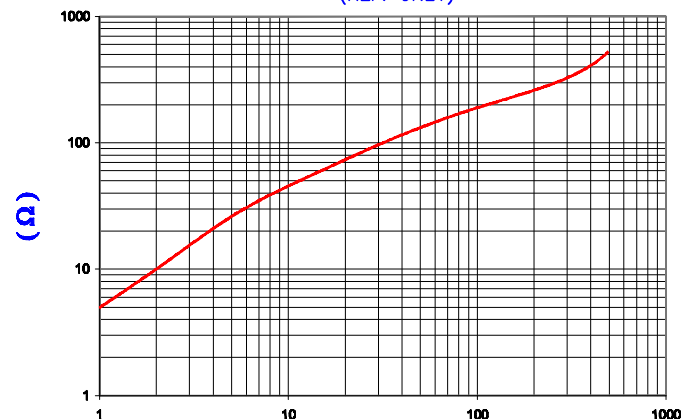
#### FERRITE CORE DIMENSIONS:

|   |              |   |             |
|---|--------------|---|-------------|
| A | 9.96 [.392]  | ± | 0.15 [.006] |
| B | 4.88 [.192]  | ± | 0.13 [.005] |
| C | 20.50 [.807] | ± | 0.25 [.010] |
| D | 4.14 [.163]  | ± | 0.13 [.005] |

**UNCONTROLLED  
DOCUMENT**

| IMPEDANCE (Z) |        |         |         |
|---------------|--------|---------|---------|
| Frequency     | 25 MHz | 100 MHz | 300 MHz |
| Nominal (REF) | 75 Ω   | 170 Ω   | 320 Ω   |
| Minimum       | - Ω    | 136 Ω   | - Ω     |

Z vs. FREQUENCY  
(REF. ONLY)

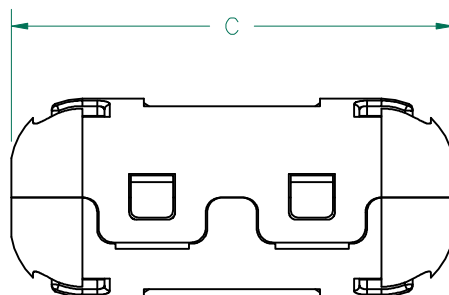
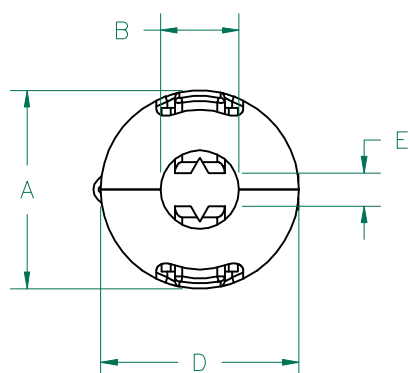


FREQUENCY (MHz)

AGILENT E4991A Impedance/Material Analyzer  
HP 16092A-Test Fixture REF 3219

#### NOTES:

1. ASSEMBLED PART #: 28A0392-0A0
2. CASE COLOR: WHITE
3. CASE MATERIAL: HALOGEN FREE POLYPROPYLENE OR NYLON, UL94 V=2 OR BETTER FOR FLAMMABILITY



#### CASE DIMENSIONS:

|   |               |   |      |
|---|---------------|---|------|
| A | 13.72 [.540]  | ± | REF. |
| B | 5.44 [.214]   | ± | REF. |
| C | 30.56 [1.203] | ± | REF. |
| D | 13.72 [.540]  | ± | REF. |
| E | 2.29 [.090]   | ± | REF. |

| 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. |  |  |  |
|--------------------------------|----------------------------------------------------------------------------------------------------|----------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Y                              | ADD NOTES 3                                                                                        | 10/29/10 | Jcai |                                                                                                                                                                                                                                                         |  |  |  |
| X                              | UPDATE COMPANY LOGO                                                                                | 08/11/09 | JRK  | PROJECT/PART NUMBER:<br><b>28A0392-0A0</b>                                                                                                                                                                                                              |  |  |  |
| W                              | UPDATE 100MHz MINIMUM VALUE                                                                        | 06/26/07 | TMB  |                                                                                                                                                                                                                                                         |  |  |  |
| V                              | UPDATE COMPANY LOGO                                                                                | 04/17/07 | TMB  | DATE: 09/02/94                                                                                                                                                                                                                                          |  |  |  |
| U                              | CHANGE CASE TOLERANCES TO REF ADD DIMENSION E TO CASE CALLOUT RE-MOVE CORE & CASE REF REVISE NOTES | 02/05/07 | TMB  |                                                                                                                                                                                                                                                         |  |  |  |
| T                              | UPDATE CORE AND CASE DESIGN REVISE NOTES                                                           | 09/22/05 | TMB  | SCALE: NTS                                                                                                                                                                                                                                              |  |  |  |
| S                              | CHANGE TOLS ON B & D DIMENSIONS                                                                    | 01/07/05 | JRK  |                                                                                                                                                                                                                                                         |  |  |  |
| REV                            | DESCRIPTION                                                                                        | DATE     | INT  | TOOL # -                                                                                                                                                                                                                                                |  |  |  |
|                                |                                                                                                    |          |      |                                                                                                                                                                                                                                                         |  |  |  |

**Laird**  
TECHNOLOGIES

PART TYPE: FERRITE  
SNAP ON

DRAWN BY: DTR

MATERIAL: NiZn Ferrite