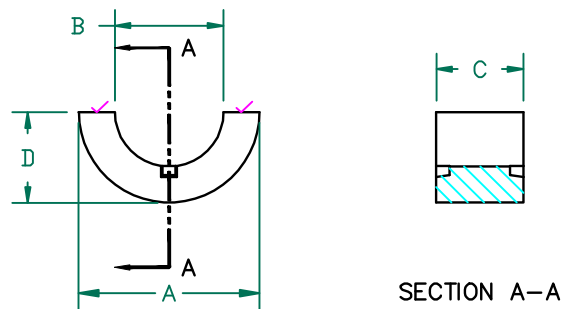


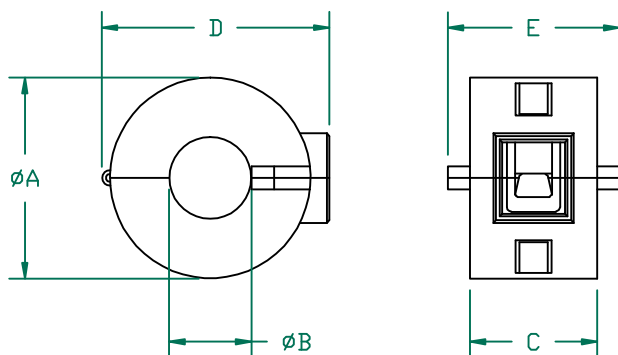


CORE (28A4155-000)

FERRITE CORE DIMENSIONS (SPEC): mm [in]

|   |              |   |      |
|---|--------------|---|------|
| A | 25.00 [.984] | ± | REF. |
| B | 15.00 [.591] | ± | REF. |
| C | 12.00 [.472] | ± | REF. |
| D | 12.50 [.492] | ± | REF. |

**UNCONTROLLED  
DOCUMENT**



CASE (A4155-0C2)

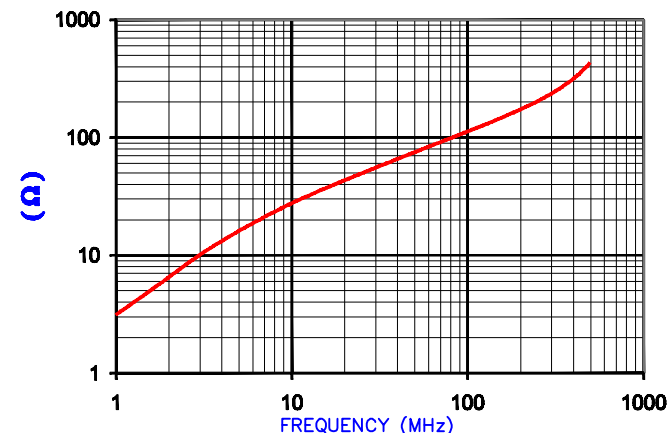
CASE DIMENSIONS (SPEC): mm [in]

|   |               |   |             |
|---|---------------|---|-------------|
| A | 28.80 [1.134] | ± | 0.40 [.016] |
| B | 13.60 [.535]  | ± | 0.40 [.016] |
| C | 15.40 [.606]  | ± | 0.30 [.012] |
| D | 33.20 [1.307] | ± | 0.50 [.020] |
| E | 21.80 [.858]  | ± | 0.60 [.024] |

## IMPEDANCE (Z)

| Frequency     | 25 MHz      | 100 MHz      | 300 MHz      |
|---------------|-------------|--------------|--------------|
| Nominal (REF) | 50 $\Omega$ | 120 $\Omega$ | 230 $\Omega$ |
| Minimum       | - $\Omega$  | 96 $\Omega$  | - $\Omega$   |

Z vs. FREQUENCY  
(REF. ONLY)



AGILENT E4991A Impedance/Material Analyzer  
HP 16092A-Test Fixture REF 3147

## NOTES:

- CASE UL FLAMMABILITY RATING: 94 V-0
- ASSEMBLED PART #: 28A4155-0A2
- FOR CORE DIMENSIONS SEE STEWARD P/N 28A4155-000.
- FOR CASE DIMENSIONS SEE STEWARD P/N A4155-0C2.
- CASE COLOR: -0A2 BLACK CASE.

| 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. |   |                                  |                  |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|----------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------|------------------|
| H                              | UPDATE CASE TOLERANCES<br>UPDATE COMPANY LOGO                                                                   | 05/08/08 | TMB |                                                                                                                                                                                                                                                         |   |                                  |                  |
| G                              | UPDATE Z SPEC & COMPANY LOGO                                                                                    | 06/26/07 | JRK |                                                                                                                                                                                                                                                         |   |                                  |                  |
| F                              | CHG Z SPECS@100MHZ ADD TEST REF#                                                                                | 12/21/04 | JRK |                                                                                                                                                                                                                                                         |   |                                  |                  |
| E                              | CHANGE P/N FROM -0A* TO -0A2<br>REVISE NOTES 2, 4, & 5                                                          | 08/15/03 | TMB |                                                                                                                                                                                                                                                         |   |                                  |                  |
| D                              | CHANGE PRINT FORMAT CHANGE Z SPECS<br>AND ADD CURVE REVISE NOTE 3,4,& 5<br>REMOVE CORE DIMS E, F, G, & DET. "A" | 07/01/03 | TMB |                                                                                                                                                                                                                                                         |   |                                  |                  |
| REV                            | DESCRIPTION                                                                                                     | DATE     | INT | PROJECT/PART NUMBER:<br>28A4155-0A2<br>DATE: 06/27/01<br>CAD # 28A4155-0A2-H<br>SCALE: NTS<br>TOOL # -<br>MATERIAL: Ni Zn Ferrite                                                                                                                       |   |                                  |                  |
|                                |                                                                                                                 |          |     | REV                                                                                                                                                                                                                                                     | H | PART TYPE:<br>FERRITE<br>SNAP-ON | DRAWN BY:<br>TMB |