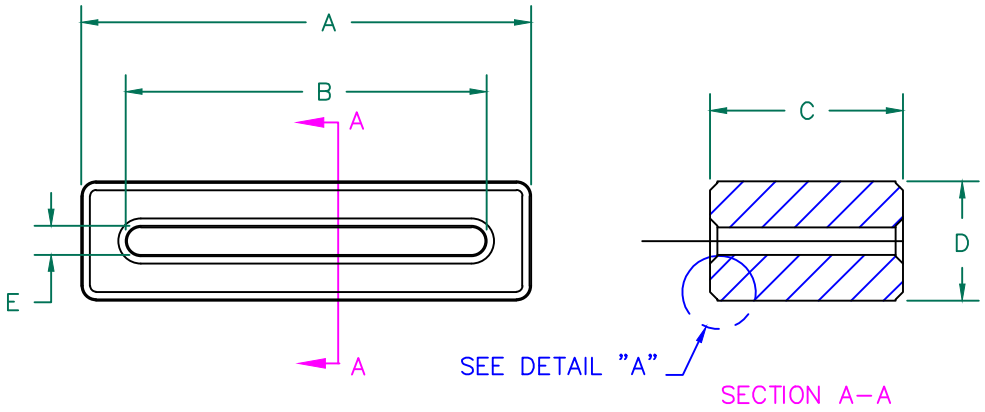
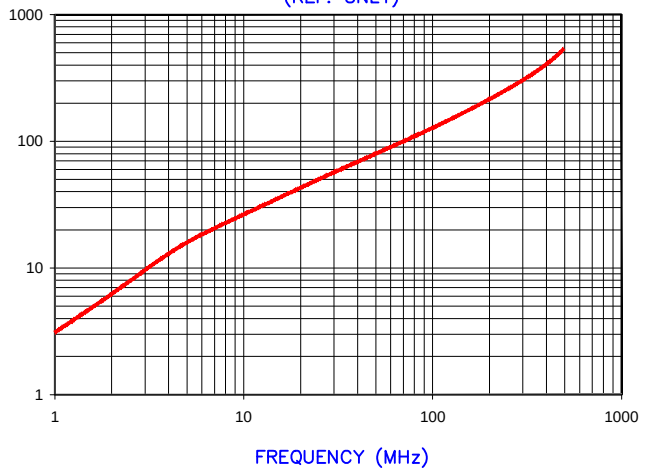
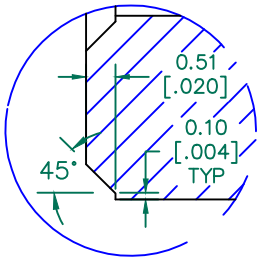



| IMPEDANCE ( Z ) | | | |
|---|---|---|---|
| Frequency | 25 MHz | 100 MHz | 300 MHz |
| Nominal (REF) | 52 Ω | 128 Ω | 300 Ω |
| Minimum | - Ω | 109 Ω | - Ω |

Z vs. FREQUENCY
(REF. ONLY)




AGILENT E4991A Impedance/Material Analyzer
HP 16092A Test Fixture, REF #2973




DETAIL "A"
CHAMFER
SCALE=6:1

**UNCONTROLLED DOCUMENT**

FERRITE CORE DIMENSIONS (SPEC): mm[Inches]

| | | | |
|---|---|---|---|
| A | 31.12 [1.225] | ± | 0.51 [.020] |
| B | 24.77 [.975] | ± | 0.51 [.020] |
| C | 13.3 [.525] | ± | 0.25 [.010] |
| D | 8.26 [.325] | ± | 0.38 [.015] |
| E | 1.91 [.075] | + | 0.38 [.015] |
| | | – | 0.20 [.008] |

WEIGHT/1000 13.60 kgs [29.99 Lbs]

NOTES: UNLESS OTHERWISE SPECIFIED

1. COSMETIC SPECIFICATION REFER TO WI–QA–038.

SCALE DRAWING 1:1

28R1227–100

RoHS

| DIMENSIONS ARE IN MM [INCHES]. | | | |
|---|---|---|---|
| | | | |
| | | | |
| G | UPDATE THE LOGO | 05/29/15 | QIU |
| F | CHANGE E DIMENSION TOLERANCE | 10/15/09 | Jcai |
| E | UPDATE MIN Z SPEC | 10/19/06 | JRK |
| D | UPDATE MIN Z SPEC @100 MHZ, ADD TEST REF | 02/03/04 | JRK |
| C | UPDATE FORMAT CURVE & Z SPECS | 05/05/03 | JRK |
| B | UPDATE TO NEW CNZ FORMAT | 06/11/02 | JRK |
| A | ORIGINAL DRAFT | 01/29/99 | DTR |
| REV | DESCRIPTION | DATE | INT |



Laird

| | | | |
|---|---|---|---|
| PROJECT/PART NUMBER: 28R1227–100 | REV: G | PART TYPE: CNZ CORE | DRAWN BY: DTR |
| DATE: 01/29/99 | SCALE: 2 : 1 | | MATERIAL: Ferrite |
| CAD #: 28R1227–100–G | TOOL #: R1227 | | |