

SEE DETAIL "A"

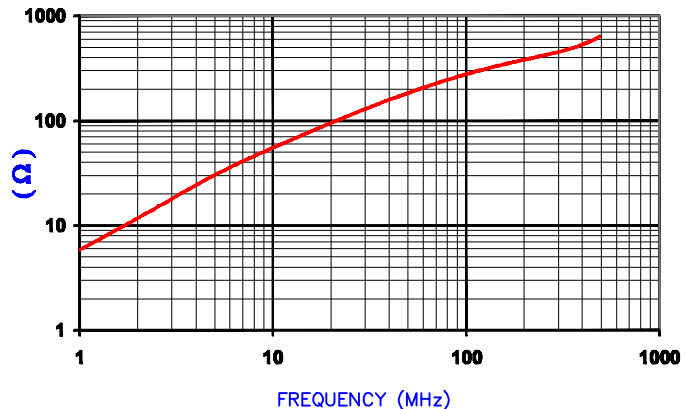
SECTION A-A

**UNCONTROLLED DOCUMENT**

DETAIL A  
SCALE 10:1  
(TYPICAL)

IMPEDANCE (Z) SEE NOTES:3			
Frequency	25 MHz	100 MHz	300 MHz
Nominal (REF)	111 Ω	277 Ω	449 Ω
Minimum	- Ω	222 Ω	- Ω

Z vs. FREQUENCY  
(REF. ONLY)



AGILENT E4991A Impedance/Material Analyzer  
HP 16092A-Test Fixture. TEST REF. 4360

FERRITE CORE DIMENSIONS (SPEC): mm [in]

A	11.00 [.433]	+ 0.15 [.006]
B	5.10 [.201]	+ 0.07 [.003]
C	32.00 [1.260]	+ 0.48 [.019]
D	5.12 [.202]	+ 0.13 [.005]
E	2.55 [.100]	+ 0.25 [.010]
F	4.00 [.157]	+ TYP.

WEIGHT/1000 5.59 kgs [12.32 Lbs]

NOTES: UNLESS OTHERWISE SPECIFIED

- FOR VISUAL REQUIREMENTS REFERENCE CNZ-QAS6402.
- IMPEDANCE IS TO BE REPORTED AS GROSS IMPEDANCE. REFERENCE CQA-SOP1391.
- USE TWO PCS CORES COMPARED TOGETHER FOR IMPEDANCE TESTING.

SCALE DRAWING 1:1

28A0434-000

CRITICAL

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.		Laird TECHNOLOGIES	
J	ADD NOTES 3	02/21/13	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
H	UPDATE COMPANY LOGO	08/11/09	JRK	28A0434-000	J	FERRITE CORE	TMB
G	UPDATE 100MHz MINIMUM VALUE	07/03/07	TMB	DATE:	SCALE:	MATERIAL:	
F	UPDATE COMPANY LOGO	04/17/07	TMB	02/10/04	2:1	Ferrite	
E	ADD NOTES & COMBINE DETAILS A & B	04/20/06	TMB	CAD #	TOOL #		
D	ADD Z vs FREQUENCY CURVE & Z SPECS	10/12/04	TMB	28A0434-000-J	A0434		
REV	DESCRIPTION	DATE	INT				