

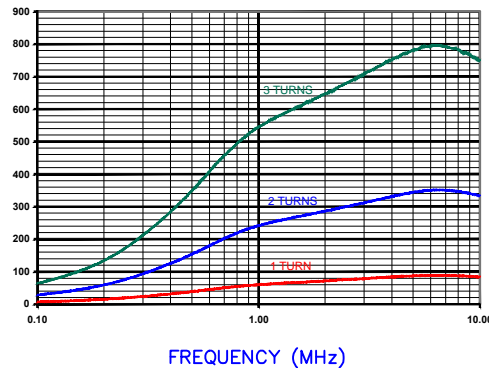
SCALE DRAWING 1:1

LFB095051-000

SEE DETAIL "A"

SECTION A-A

Z vs. FREQUENCY  
1 TURN, 2, AND 3 TURNS  
(REF. ONLY)



FREQUENCY	500 KHz	1 MHz	5 MHz
NOMINAL (REF.) 1 TURN	36 Ω	63 Ω	86 Ω
MINIMUM (SPEC.) 1 TURN	- Ω	47 Ω	- Ω
NOMINAL (REF.) 2 TURNS	150 Ω	240 Ω	340 Ω
NOMINAL (REF.) 3 TURNS	350 Ω	540 Ω	480 Ω

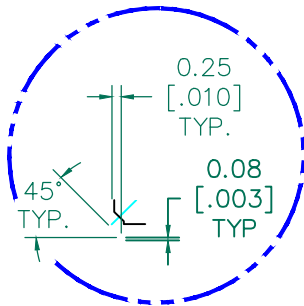
IMPEDANCE ( Z ) NET<sup>SEE NOTE 1</sup>

TEST CRITERIA

METER HP4396A OR EQUIVALENT  
 FIXTURE HP16092A OR EQUIVALENT

NOTES: UNLESS OTHERWISE SPECIFIED

- NET IMPEDANCE IS IMPEDANCE OF THE FERRITE CORE ONLY. ALL IMPEDANCE CONTRIBUTION FROM TEST WIRE AND FIXTURES HAS BEEN REMOVED.
- COSMETIC SPECIFICATION REFER TO WI-QA-038.



DETAIL "A"  
CHAMFER  
SCALE=5:1



AGILENT E4991A RF Impedance/Material Analyzer  
HP 16092A Test Fixture REF #2606

FERRITE CORE DIMENSIONS (SPEC):

A	9.50 [.374]	±	0.25 [.010]
B	5.10 [.201]	±	0.25 [.010]
C	19.05 [.750]	±	0.38 [.015]

WEIGHT/1000 4.73 kgs [10.43 Lbs]

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.	
D	UPDATE COMPANY LOGO	07/22/15	TMB	PROJECT/PART NUMBER: <b>LFB095051-000</b>	REV <b>D</b> PART TYPE: <b>FERRITE CORE</b> DRAWN BY: <b>TMB</b>
C	REMOVE MIN SPEC @ 500 KHz	02/10/06	TMB		
B	UPDATE TOLS. ON DIMENSIONS A,B&C ADD TEST REF TO CURVE	12/22/04	JRK	DATE: 09/23/02 SCALE: 5:1 MATERIAL: <b>LF</b>	
A	ORIGINAL DRAFT	09/23/02	TMB		
REV	DESCRIPTION	DATE	INT	CAD # LFB090050-000-D	TOOL # B0375

