

SCALE DRAWING 1:1

LFB095051-000

**UNCONTROLLED DOCUMENT**

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

FREQUENCY	500 KHz	1 MHz	5 MHz
NOMINAL (REF.) 1 TURN	36 Ω	63 Ω	86 Ω
MINIMUM (SPEC.) <sup>1</sup> 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

TEST CRITERIA

METER HP4396A OR EQUIVALENT  
 FIXTURE HP16092A OR EQUIVALENT

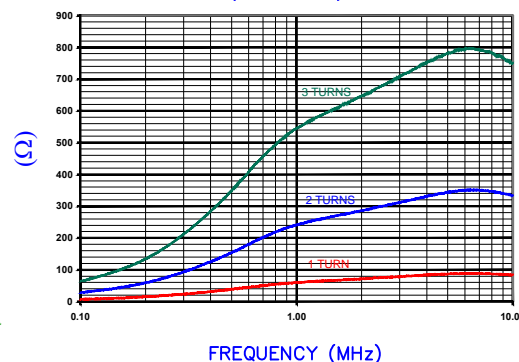
NOTES: UNLESS OTHERWISE SPECIFIED

- 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.

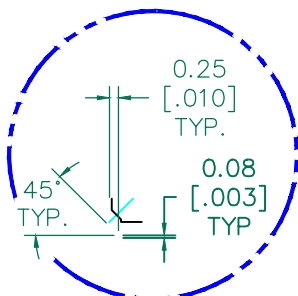
SEE DETAIL "A"

SECTION A-A

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



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



DETAIL "A"  
 CHAMFER  
 SCALE=5:1



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.		<b>Laird</b>	
D	UPDATE COMPANY LOGO	07/22/15	TMB	PROJECT/PART NUMBER:	LFB095051-000	REV	D
C	REMOVE MIN SPEC @ 500 KHz	02/10/06	TMB	PART TYPE:	FERRITE CORE	DRAWN BY:	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
A	ORIGINAL DRAFT	09/23/02	TMB	MATERIAL:	LF	TOOL #	B0375
REV	DESCRIPTION	DATE	INT	CAD #	LFB090050-000-D		