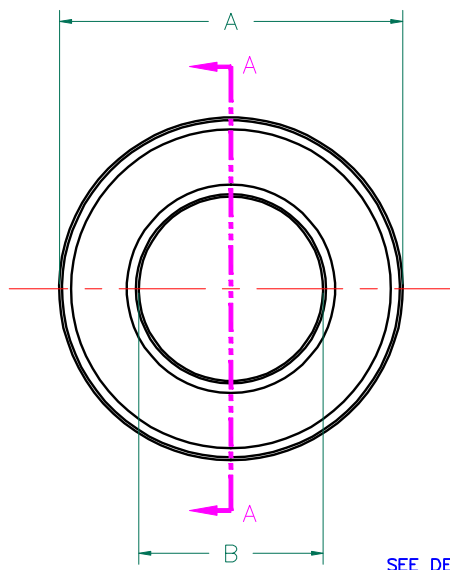
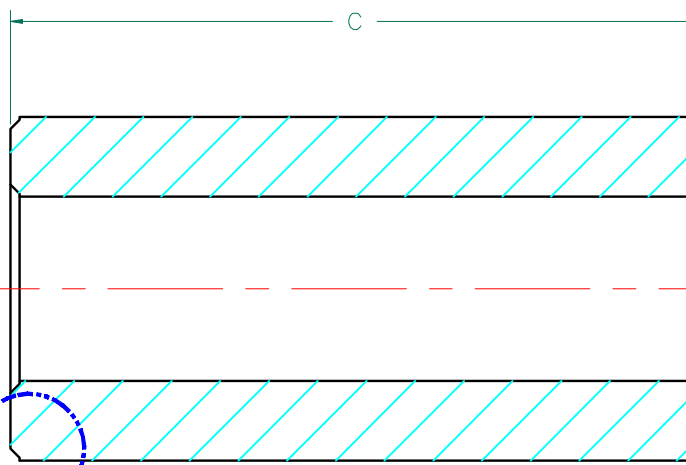


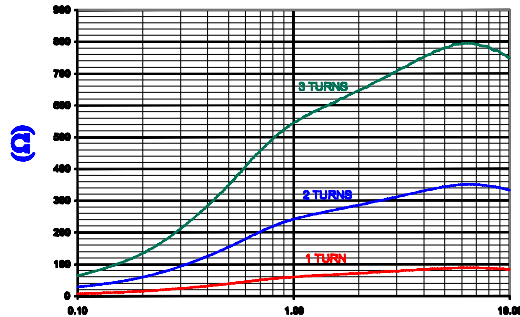
DETAIL "A"
CHAMFER
SCALE=5:1

SEE DETAIL "A"



SECTION A-A

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



FREQUENCY (MHz)

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

SCALE DRAWING 1:1



LFB095051-000

IMPEDANCE (Z) NET SEE NOTE 1

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

TEST CRITERIA

METER HP4396A OR EQUIVALENT
FIXTURE HP16092A OR EQUIVALENT

**UNCONTROLLED
DOCUMENT**

NOTES:

1. NET IMPEDANCE IS IMPEDANCE OF THE FERRITE CORE ONLY. ALL IMPEDANCE CONTRIBUTION FROM TEST WIRE AND FIXTURES HAS BEEN REMOVED.

FERRITE CORE DIMENSIONS (SPEC):

A	9.50 [.374]	$\pm$	0.25 [.010]
B	5.10 [.201]	$\pm$	0.25 [.010]
C	19.05 [.750]	$\pm$	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	07/10/08	TMB	PROJECT/PART NUMBER: LFB095051-000			
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: LF	
A	ORIGINAL DRAFT	09/23/02	TMB	CAD # LFB090050-000-D	TOOL # B0375		
REV	DESCRIPTION	DATE	INT				

Laird
TECHNOLOGIES

REV D PART TYPE: FERRITE CORE DRAWN BY: TMB