

SCALE DRAWING 1:1

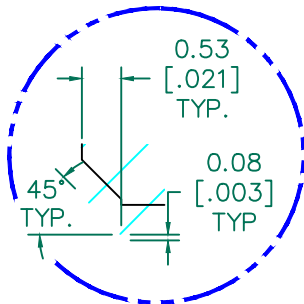
LFB174095-000



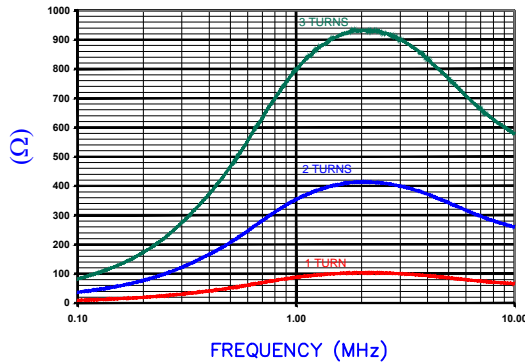
SEE DETAIL "A"

SECTION A-A

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



DETAIL "A"  
CHAMFER  
SCALE=9:1



AGILENT E4991A RF Impedance/Material Analyzer  
HP 16092A Test Fixture, REF# 2607

FREQUENCY		500 KHz	1 MHz	5 MHz
NOMINAL (REF.)	1 TURN	52 Ω	91 Ω	85 Ω
MINIMUM (SPEC.)	1 TURN	- Ω	68 Ω	- Ω
NOMINAL (REF.)	2 TURNS	200 Ω	350 Ω	340 Ω
NOMINAL (REF.)	3 TURNS	460 Ω	800 Ω	770 Ω

IMPEDENCE ( Z ) NET SEE NOTE 1

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.

FERRITE CORE DIMENSIONS (SPEC):

A	17.40 [.685]	±	0.38 [.015]
B	9.50 [.374]	±	0.38 [.015]
C	28.58 [1.125]	±	0.51 [.020]

WEIGHT/1000 23.50 kgs [51.80 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.			
E	UPDATE THE LOGO	06/19/15	QIU	PROJECT/PART NUMBER:	LFB174095-000	REV	E
D	UPDATE COMPANY LOGO	07/13/08	TMB	PART TYPE:	FERRITE CORE	DRAWN BY:	TMB
C	REMOVE MIN SPEC @ 500 KHz	02/10/06	TMB	DATE:	09/26/02	SCALE:	3:1
B	ADJUST TOLERANCES ADD TEST REF #	12/27/04	JRK	MATERIAL:	LF	TOOL #	B0686
A	ORIGINAL DRAFT	09/26/02	TMB	CAD #	LFB174095-000-E		
REV	DESCRIPTION	DATE	INT				