

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

FREQUENCY	500 KHz	1 MHz	5 MHz
NOMINAL (REF.) 1 TURN	19 Ω	33 Ω	22 Ω
MINIMUM (SPEC.) 1 TURN	- Ω	25 Ω	- Ω
NOMINAL (REF.) 2 TURNS	80 Ω	143 Ω	88 Ω
NOMINAL (REF.) 3 TURNS	182 Ω	322 Ω	196 Ω

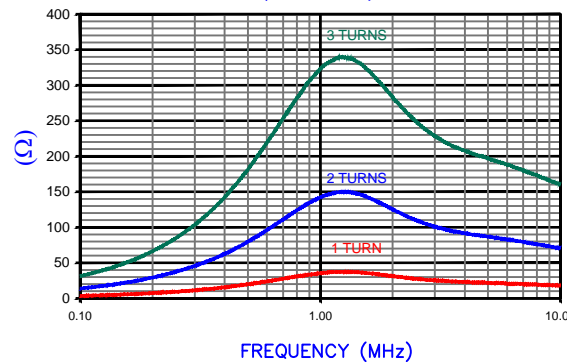
TEST CRITERIA

METER HP4396A OR EQUIVALENT  
 FIXTURE HP16092A OR EQUIVALENT

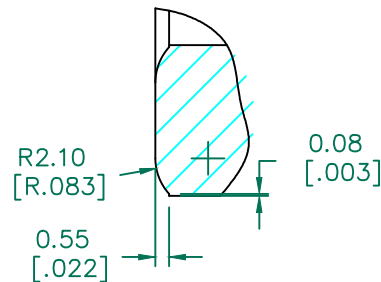
NOTES: UNLESS OTHERWISE SPECIFIED

- 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.

SECTION A-A  
 SEE DETAIL "A"  
 Z vs. FREQUENCY  
 1 TURN, 2, AND 3 TURNS  
 (REF. ONLY)



AGILENT E4991A RF Impedance/Material Analyzer  
 HP 16092A Test Fixture REF# 2492



DETAIL "A"  
 CHAMFER  
 SCALE=3.5:1

FERRITE CORE DIMENSIONS (SPEC):

A	31.00 [1.220]	±	0.65 [.026]
B	19.00 [.748]	±	0.65 [.026]
C	13.00 [.512]	±	0.40 [.016]

WEIGHT/1000 28.76 kgs [63.40 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>	
E	UPDATE TOLERANCE AND DETAIL A	06/23/17	QIU	PROJECT/PART NUMBER:	LFB310190-000	REV	E
D	UPDATE COMPANY LOGO	07/13/08	TMB			PART TYPE:	FERRITE CORE
C	REMOVE MIN TOLS @500 KHz	02/13/06	JRK			DRAWN BY:	TMB
B	REVISE TOLERANCES ADD TEST REF #	12/28/04	JRK	DATE:	09/30/02	SCALE:	1.75:1
A	ORIGINAL DRAFT	09/30/02	TMB	CAD #	LFB310190-000-E	MATERIAL:	LF
REV	DESCRIPTION	DATE	INT			TOOL #	B1220