

UNCONTROLLED DOCUMENT



IMPEDANCE (Z) NET^{SEE NOTE 1}

FREQUENCY	500 KHz	1 MHz	5 MHz
NOMINAL (REF.) 1 TURN	16 Ω	34 Ω	26 Ω
MINIMUM (SPEC.) 1 TURN	- Ω	25 Ω	- Ω
NOMINAL (REF.) 2 TURNS	70 Ω	105 Ω	80 Ω
NOMINAL (REF.) 3 TURNS	155 Ω	240 Ω	180 Ω

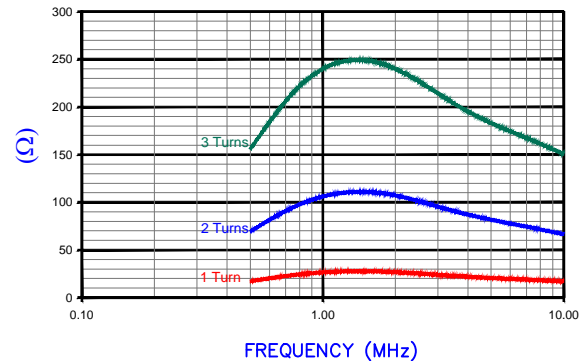
TEST CRITERIA

METER HP4396A OR EQUIVALENT
 FIXTURE HP16092A OR EQUIVALENT

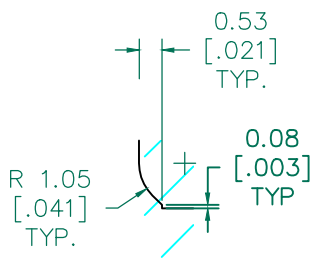
NOTES: UNLESS OTHERWISE SPECIFIED

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



HP 4396A Impedance Analyzer
 HP 16092A Test Fixture REF 2497



DETAIL "A"
 CHAMFER
 SCALE=6:1

FERRITE CORE DIMENSIONS (SPEC):

A	25.00 [.984]	±	0.38 [.015]
B	15.00 [.591]	±	0.38 [.015]
C	13.00 [.512]	±	0.25 [.010]

WEIGHT/1000 19.11 kgs [42.13 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.		Laird	
D	UPDATE COMPANY LOGO	07/24/15	QIU	PROJECT/PART NUMBER:	LFB250150-000	REV	D
C	REMOVE MIN SPEC @ 500 KHz	02/10/06	JRK	PART TYPE:	FERRITE CORE	DRAWN BY:	TMB
B	ADJUST TOLERANCES ADD TEST REF #	12/28/04	JRK	DATE:	09/30/02	SCALE:	2:1
A	ORIGINAL DRAFT	09/30/02	TMB	MATERIAL:	LF	TOOL #	B0984
REV	DESCRIPTION	DATE	INT	CAD #	LF250150-000-D		

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