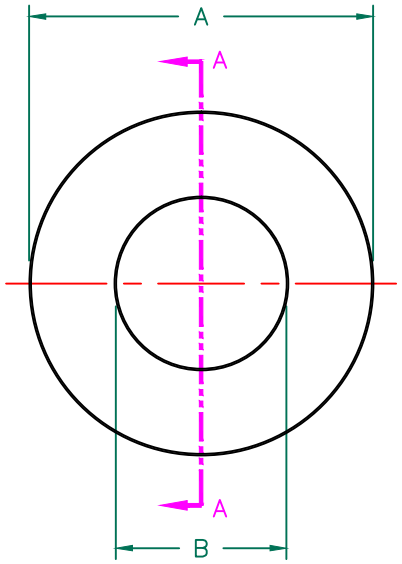
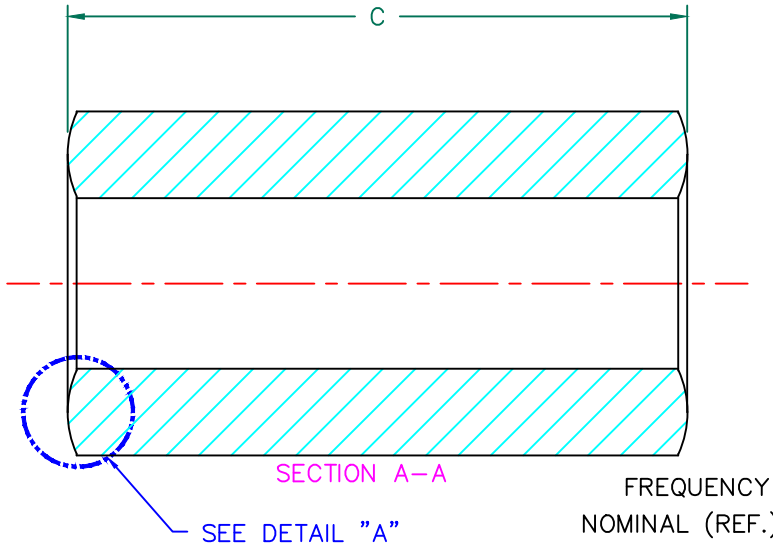
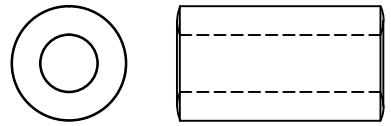




SCALE DRAWING 1:1

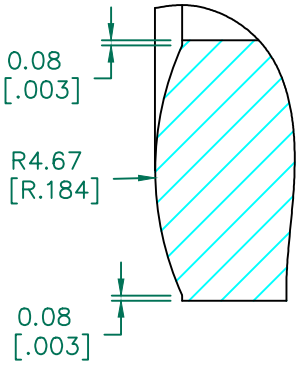


LFB159079–000

RoHS

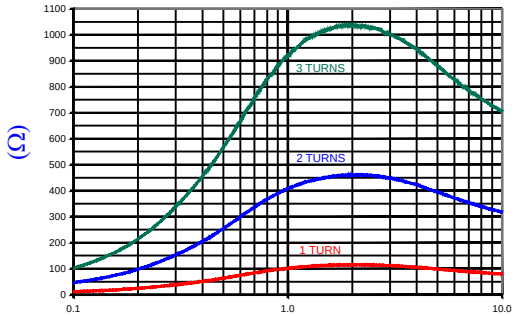
IMPEDANCE (Z) NET SEE NOTE 1

FREQUENCY	500 KHz	1 MHz	5 MHz
NOMINAL (REF.) 1 TURN	61 Ω	105 Ω	100 Ω
MINIMUM (SPEC.) 1 TURN	– Ω	84 Ω	– Ω
NOMINAL (REF.) 2 TURNS	250 Ω	410 Ω	390 Ω
NOMINAL (REF.) 3 TURNS	570 Ω	920 Ω	880 Ω



DETAIL "A"
CHAMFER
SCALE=9:1

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



AGILENT E4991A RF Impedance/Material Analyzer
HP 16092A Test Fixture REF 2715

TEST CRITERIA

METER	HP4396A OR EQUIVALENT
FIXTURE	HP16092A OR EQUIVALENT

NOTES:

1. NET IMPEDANCE IS IMPEDANCE OF THE FERRITE CORE ONLY. ALL IMPEDANCE CONTRIBUTION FROM TEST WIRE AND FIXTURES HAS BEEN REMOVED.
2. COSMETIC SPECIFICATION REFER TO WI–QA–038.

FERRITE CORE DIMENSIONS (SPEC):

A	15.88 [.625]	±	0.55 [.022]
B	7.87 [.310]	±	0.55 [.022]
C	28.58 [1.125]	±	0.70 [.028]

WEIGHT/1000 20.13 kgs [44.37 Lbs]

DIMENSIONS ARE IN mm [INCHES].

REV	DESCRIPTION	DATE	INT
E	UPDATE TOLERANCE AND DETAIL A	07/06/17	QIU
D	UPDATE COMPANY LOGO	07/13/08	TMB
C	REMOVE MIN SPEC @ 500 KHz	02/10/06	TMB
B	ADJUST TOLERANCES ADD TEST REF#	12/27/04	JRK
A	ORIGINAL DRAFT	10/01/02	TMB

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Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
LFB159079–000	E	FERRITE CORE	TMB

DATE:	SCALE:	MATERIAL:
10/01/02	3:1	LF

CAD #	TOOL #
LFB159079–000–E	B0625