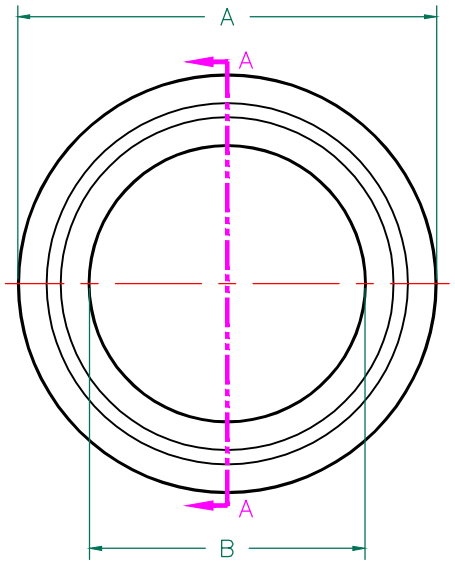
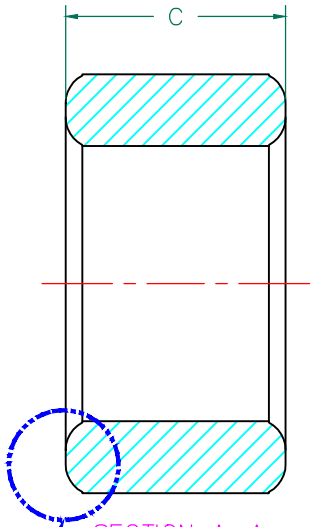
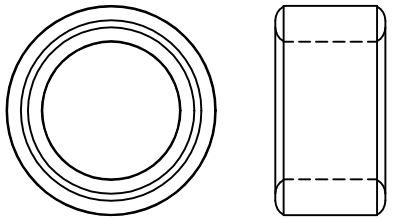




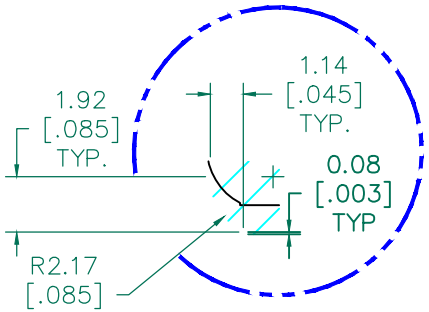
RoHS

UNCONTROLLED DOCUMENT

SCALE DRAWING 1:1

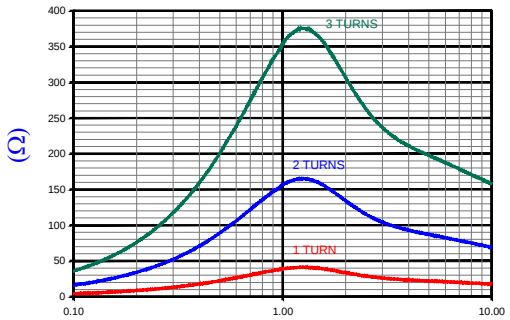


LFB290190–000



DETAIL "A"
CHAMFER
SCALE=5:1

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



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

IMPEDANCE (Z) NET SEE NOTE 1

FREQUENCY	500 KHz	1 MHz	5 MHz
NOMINAL (REF.) 1 TURN	19 Ω	34 Ω	22 Ω
MINIMUM (SPEC.) 1 TURN	– Ω	25 Ω	– Ω
NOMINAL (REF.) 2 TURNS	90 Ω	155 Ω	70 Ω
NOMINAL (REF.) 3 TURNS	200 Ω	355 Ω	200 Ω

TEST CRITERIA

METER	HP4396A OR EQUIVALENT
FIXTURE	HP16092A OR EQUIVALENT

NOTES: UNLESS OTHERWISE SPECIFIED

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	28.98 [1.141]	±	0.51 [.020]
B	19.05 [.750]	±	0.51 [.020]
C	15.21 [.599]	±	0.25 [.010]

WEIGHT/1000 27.16 kgs [59.88 Lbs]

REV	DESCRIPTION	DATE	INT
	DIMENSIONS ARE IN mm [INCHES].		
E	UPDATE THE LOGO	06/19/15	QIU
D	UPDATE COMPANY LOGO	07/13/08	TMB
C	REM MIN TOLS @ 500 KHz	02/13/06	JRK
B	ADJUST TOLERANCES ADD TEST REF #	12/28/04	JRK
A	ORIGINAL DRAFT	09/23/02	TMB

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Laird

PROJECT/PART NUMBER: LFB290190–000	REV: E	PART TYPE: FERRITE CORE	DRAWN BY: TMB
DATE: 09/23/02	SCALE: 2:1	MATERIAL: LF	
CAD # LFB290190–000–E	TOOL # B1141		