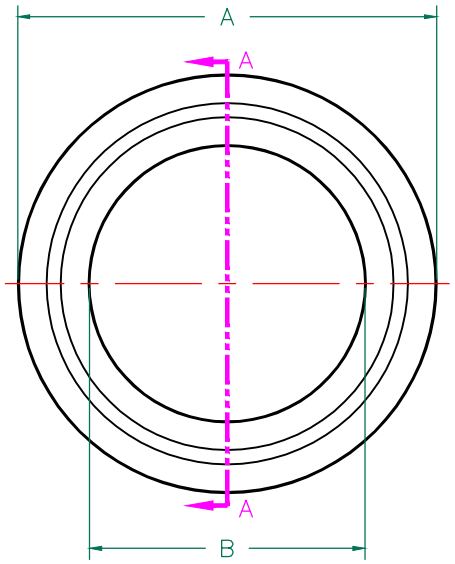
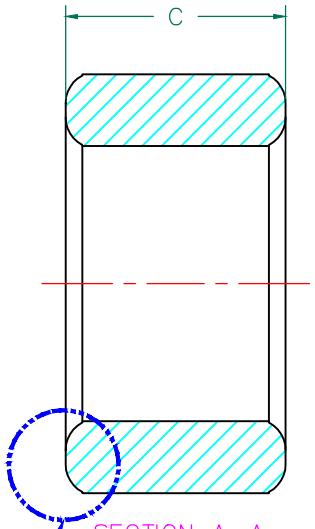
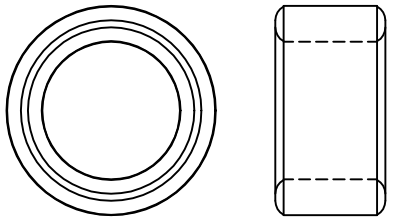




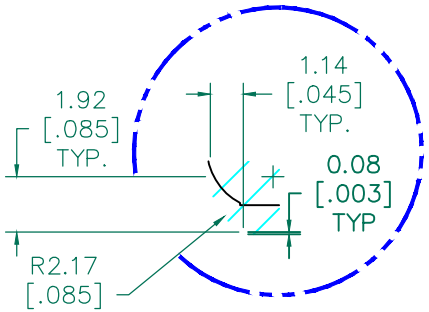
RoHS

UNCONTROLLED DOCUMENT

SCALE DRAWING 1:1

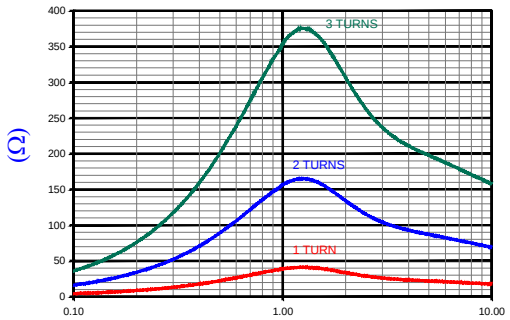


LFB290190–000



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

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

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
LFB290190–000	E	FERRITE CORE	TMB

DATE:	SCALE:	MATERIAL:
09/23/02	2:1	LF

CAD #	TOOL #
LFB290190–000–E	B1141

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Laird:

28B0734-000 HI1206N680R-10 A15754-04 CC1812C513R-10 DA1206D301R-10 LFB095051-000 MI0805M221R-10 LI0603B201R-10 MGV201610R68M-10 TYS30126R8M-10 CMX1211Z601B-10 CMX1211Z680B-10 HI0805O121R-10 TRA6927M3PBN-001 29220104 HF0402B102R-10 28A0392-0A2 28B0500-100 CM3440Z171R-10 DM3312X101R-10 MI1210K600R-10 NS1050HA 0097061102 0097064502 LI0603G221R-10 24296254 28A2005-0A2 28R1141-010 MP1040-100 28A1507-0A2