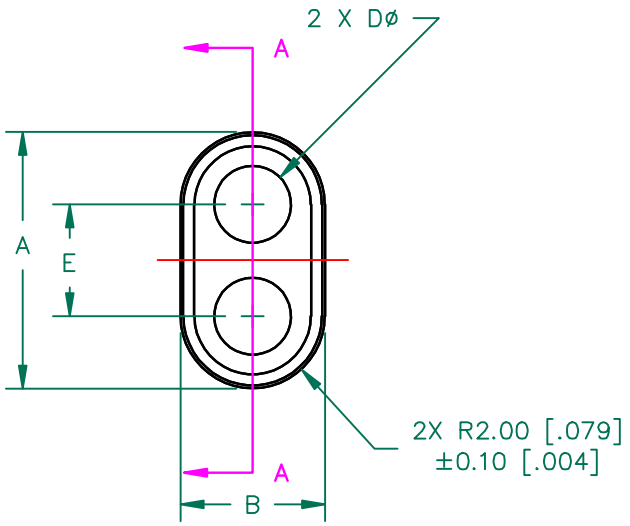
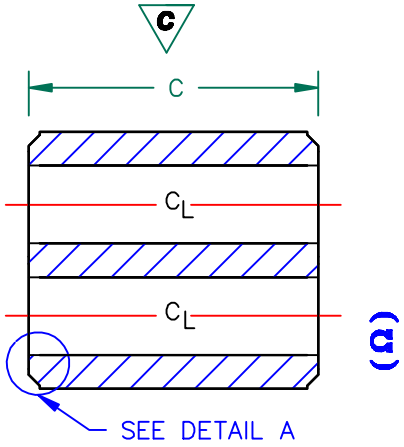
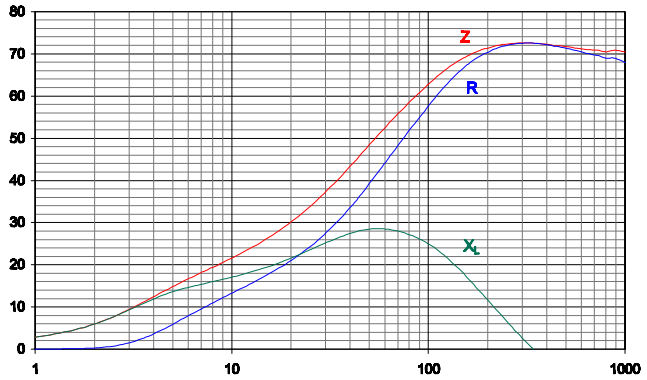


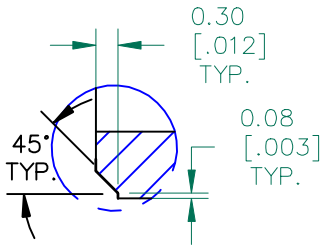


SECTION A–A

NET Z , R, AND X vs. FREQUENCY
(REF. ONLY)



UNCONTROLLED DOCUMENT



DETAIL A
SCALE 10:1

AGILENT E4991A RF Impedance/Material Analyzer
HP 16192A-CNZ Test Fixture

Net Impedance	25 MHz	100 MHz	300 MHz
Nominal (Ref)	34 Ω	63 Ω	73 Ω
Minimum (Spec)	- Ω	- Ω	55 Ω

Test Criteria	
Meter	HP4195A
Fixture	HP16092A-CNZ
Wire	22 AWG
Procedure	CQA - SOP 1391 "CNZ Impedance Testing"

FERRITE CORE DIMENSIONS (SPEC):

A	7.10 [.280]	±	0.15 [.006]
B	4.00 [.157]	±	0.10 [.004]
C	8.00 [.315]	±	0.20 [.008]
D	2.15 [.085]	±	0.10 [.004]
E	3.10 [.122]	±	0.10 [.004]

NOTES:

1. TEST Z WITH ONE PASS THROUGH ONE HOLE.
2. DENOTES SPECIAL CHARACTERISTICS AS NOTED IN CONTROL PLAN THE Cpk VALUE EXPECTED IS 1.67 OR GREATER IN THE INITIAL PROCESS STUDY.

WEIGHT/1000 0.678 kgs [1.49 Lbs]

SCALE DRAWING 1:1

82N0280–010

DIMENSIONS ARE IN mm [INCHES].

REV	DESCRIPTION	DATE	INT
D	UPDATE SHAPE AND DELETE F DIMENSION	12/15/10	JUN
C	ADD CHAMFER AND DETAIL A UPDATE WGT	08/07/06	JRK
B	ADD NOTE # 2	03/17/06	JRK
A	ORIGINAL DRAFT	10/30/02	TMB

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Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
82N0280–010	D	FERRITE BALUN	TMB

DATE:	SCALE:	MATERIAL:
10/30/02	3 : 1	STEWARD 82

CAD #	TOOL #
82N0280–010–D	N0280