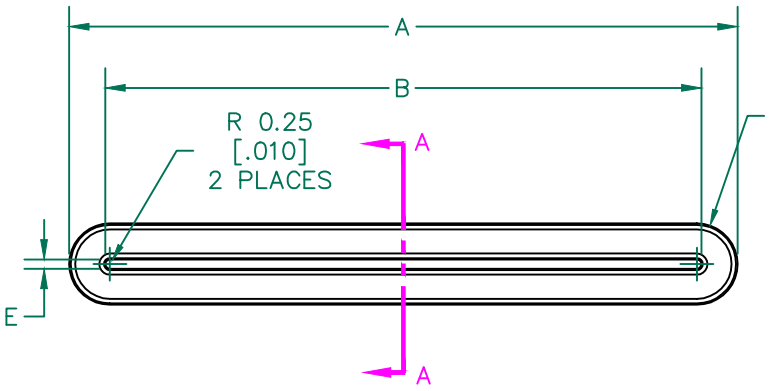
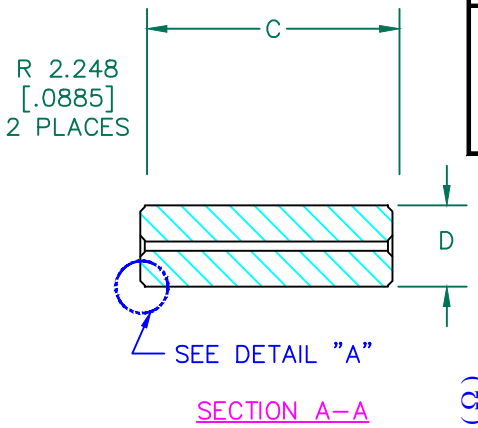
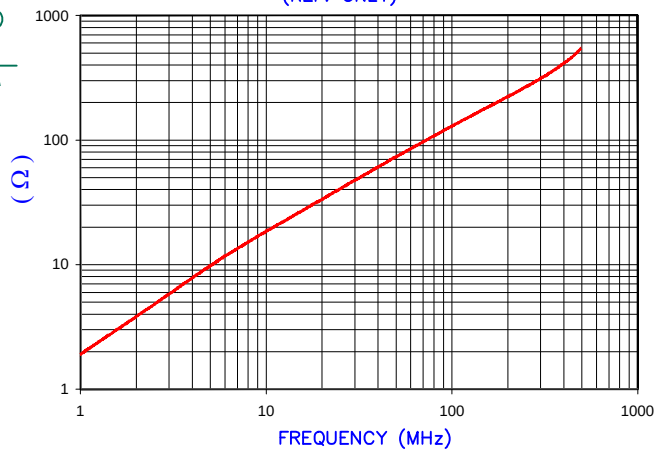




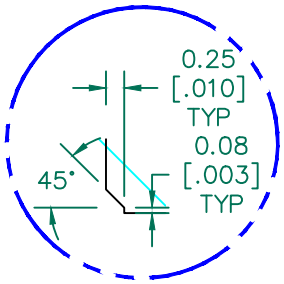
SECTION A–A

IMPEDANCE (Z)			
Frequency	25 MHz	100 MHz	300 MHz
Nominal (REF)	44 Ω	140 Ω	310 Ω
Minimum	- Ω	112 Ω	- Ω

Z vs. FREQUENCY
(REF. ONLY)



AGILENT E4991A Impedance/Material Analyzer
HP 16092A Test Fixture, REF # 3020



DETAIL A
SCALE: 10:1

FERRITE CORE DIMENSIONS (SPEC): mm[Inches]

A	37.01 [1.457]	±	0.64 [.025]
B	33.00 [1.299]	±	0.51 [.020]
C	13.46 [.530]	±	0.38 [.015]
D	4.50 [.177]	+ 0.38 [.015] / − 0.13 [.005]	
E	0.51 [.020]	+ 0.20 [.008] / − 0.13 [.005]	

WEIGHT/1000 9.96 kgs [21.97 Lbs]

NOTES: UNLESS OTHERWISE SPECIFIED

1. COSMETIC SPECIFICATION REFER TO WI–QA–038.

SCALE DRAWING 1:1



28R1457–400

RoHS

DIMENSIONS ARE IN mm[INCHES].			
G	UPDATE COMPANY LOGO	06/19/15	QIU
F	UPDATE MIN Z SPECS & COMPANY LOGO	07/27/07	TMB
E	UPDATE FORMAT AND Z SPECS	02/09/04	JRK
D	CHG CHAMFER ANGLE FROM 30 TO 45 UPDATE FORMAT AND Z SPECS	02/26/03	JRK
C	UPDATE TO CNZ FORMAT UPDATE Z SPECS ADD Z CURVE, CHG C TOLS	09/11/02	JRK
B	UPDATE PRINT FOR ELECTRONIC DATABASE	09/27/95	JBE
A	ORIGINAL DRAFT	10/19/94	JBE
REV	DESCRIPTION	DATE	INT

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: 28R1457–400	REV: G	DRAWN BY: JBE	
DATE: 10/19/94	SCALE: 2.5 : 1	MATERIAL: FERRITE	
CAD #: 28R1457–400–G	TOOL #: R1457		

Unikeyic Electronics

Global Electronic Components Distributor

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

Laird:

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