

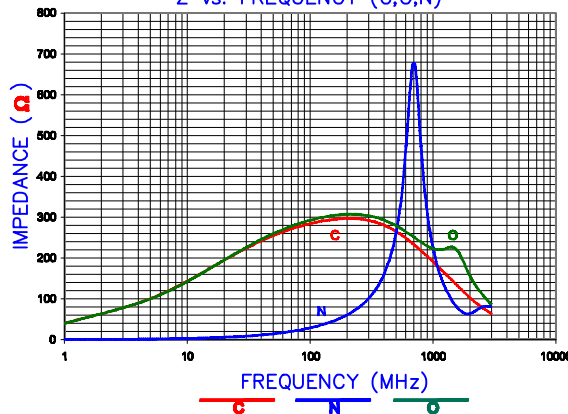
PHYSICAL DIMENSIONS:

A	7.62 [.300]	+ 0.13 [.005]
B	8.13 [.320]	+ 0.13 [.005]
B ₁	10.92 [.430]	MAX
C	14.48 [.570]	+ 0.25 [.010]
C ₁	15.11 [.595]	MAX
D	4.06 [.160]	+ 0.05 [.002]
E	1.27 [.050]	+ 0.13 [.005]
E ₁	2.03 [.080]	+ 0.13 [.005]

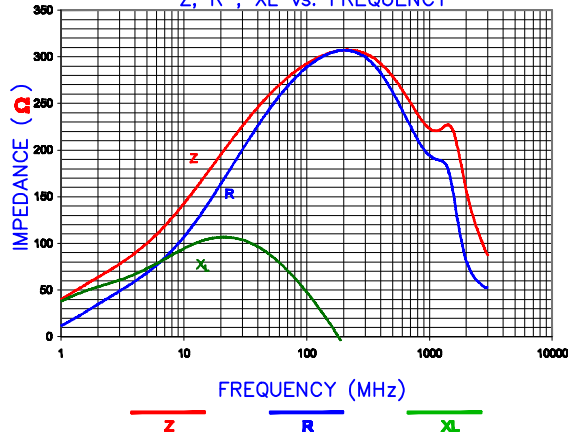
WIRE DIMENSIONS:

T ₁	3.30 [.130]	+ 0.38 [.015]
T ₂	0.64 [.025]	TYP.
T ₃	0.38 [.015]	TYP.

Z vs. FREQUENCY (C,O,N)

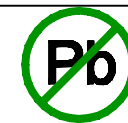


Z, R, XL vs. FREQUENCY

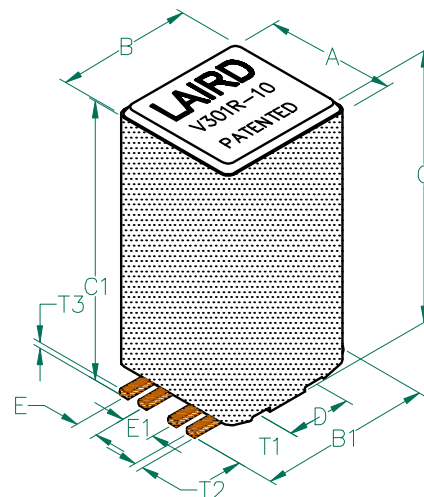


AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3007

CM3032V301R-10

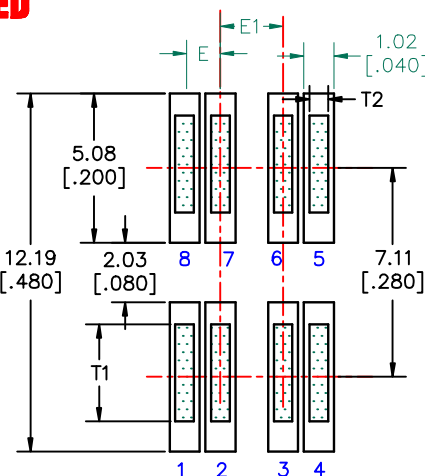


RoHS
2002/95/EC

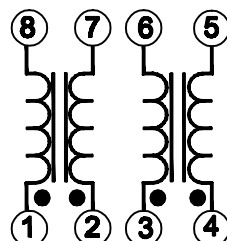


**UNCONTROLLED
DOCUMENT**

LAND PATTERNS FOR



EQUIVALENT CIRCUIT



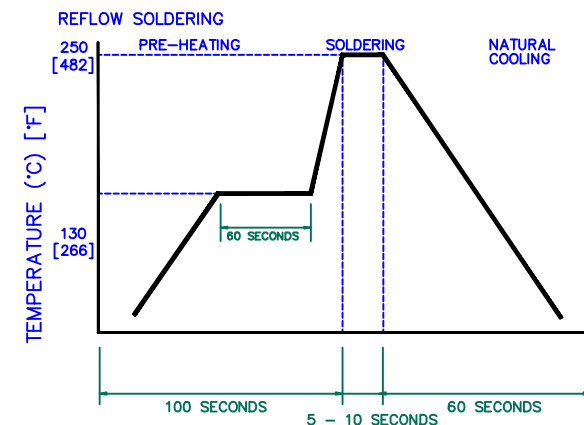
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	300		
Minimum	225		
Maximum	375	0.01	8,000 mA
			30

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 100 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART3032-33.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

RECOMMENDED SOLDERING CONDITIONS

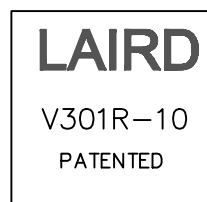
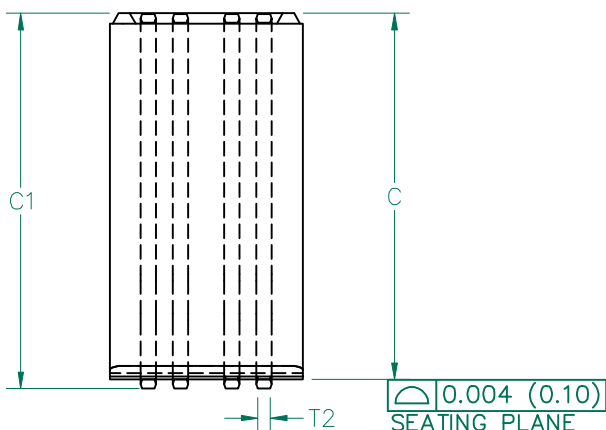
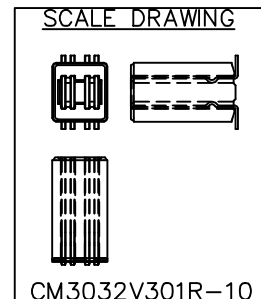
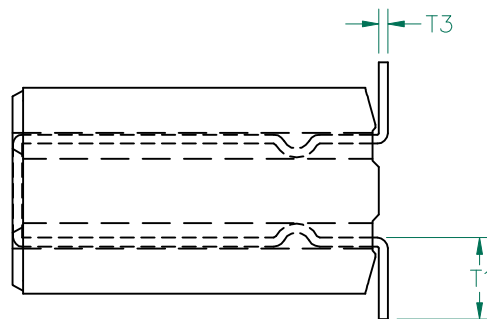
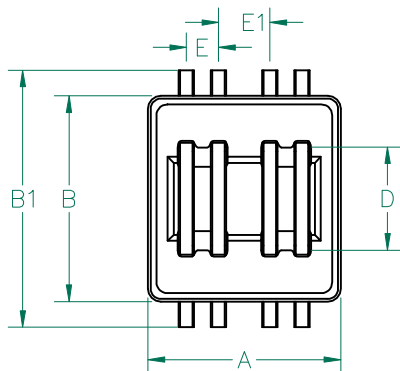


DIMENSIONS ARE IN mm (INCHES).

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.			
D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU
C	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/12/08	JRK
B	UPDATE COMPANY LOGO	11/21/07	JRK
A	ORIGINAL DRAFT	5/28/04	JRK
REV	DESCRIPTION	DATE	INT
CM3032V301R-10-D-2			

Laird
TECHNOLOGIES

PROJECT/PART NUMBER:	PART TYPE:	DRAWN BY:
CM3032V301R-10	CO-FIRE	JRK
DATE: 05/28/04	SCALE: NTS	SHEET: 2 of 3
CAD #	TOOL #	



LABEL



ELECTRICAL TESTING

	GROSS	GROSS
TEST:	Z	Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	169 Ω	300 Ω
MINIMUM	- Ω	225 Ω
MAXIMUM	- Ω	375 Ω
WEIGHT/1000	3.80 kgs.	8.37 lbs.

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T ₃	0.38 [.015]		TYP.

**UNCONTROLLED
DOCUMENT**

NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0032-31.
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0032-31 WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
4. REFERENCE STEWARD CORE P/N 24H0300-300.
5. PROTECTED BY U.S. PATENT NO. 5,455,552.
6. TERMINATION FINISH IS 100% TIN.
7. THIS PART HAS NO PIN POLARITY.

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REV	DESCRIPTION	DATE	INT				
				PROJECT/PART NUMBER: CM3032V301R-10		REV D	PART TYPE: CO-FIRE
				DATE: 05/28/04		SCALE: NTS	DRAWN BY: JRK
				CAD # CM3032V301R-10-D-3		TITLE # H0300-300	SHEET: 3 of 3