

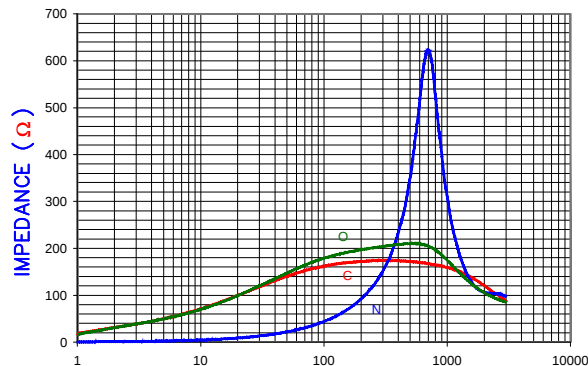
PHYSICAL DIMENSIONS:

A	6.30 [.248]	$\pm$	0.10 [.004]
B	11.38 [.448]	$\pm$	0.18 [.007]
B1	14.10 [.555]		MAX
C	9.32 [.367]	$\pm$	0.18 [.007]
C1	10.16 [.400]		MAX
D	7.62 [.300]	$\pm$	0.10 [.004]
E	2.54 [.100]	$\pm$	0.13 [.005]

WIRE DIMENSIONS:

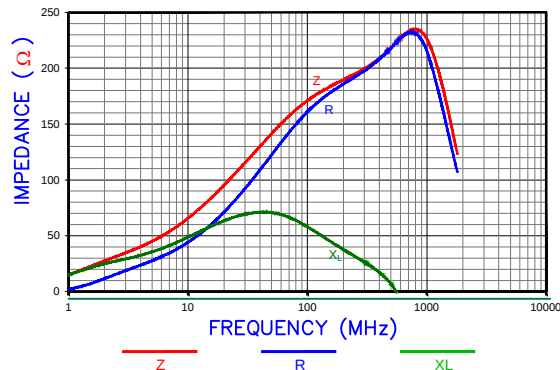
T1	2.90 [.114]	$\pm$	0.25 [.010]
T2	0.84 [.033]		TYP.
T3	0.46 [.018]		TYP.

Z vs. FREQUENCY (C,O,N)



FREQUENCY (MHz)

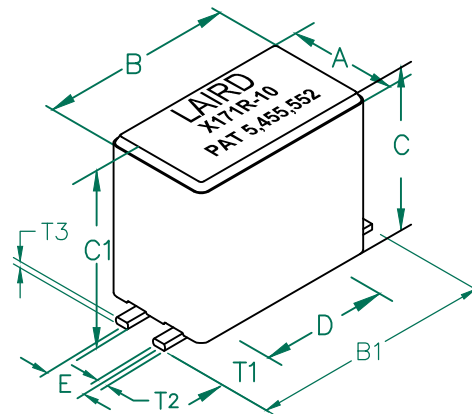
Z, R, XL vs. FREQUENCY



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

CM2545X171R-10

**UNCONTROLLED
DOCUMENT**



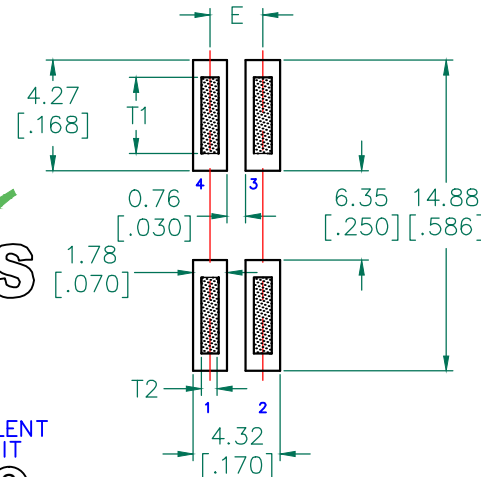
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	170		
Minimum	128		
Maximum	—	0.01	10,000 mA
			140

NOTES: UNLESS OTHERWISE SPECIFIED

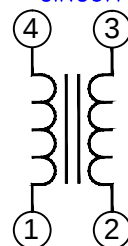
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 400 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPEC. # CART249-63.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

LAND PATTERN FOR REFLOW SOLDERING

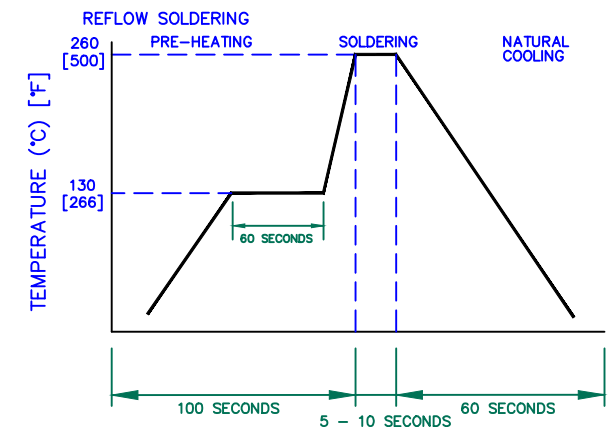


RoHS

EQUIVALENT CIRCUIT



RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES]

F	ADD NOTE 6	08/30/12	QIU
E	UPDATE THE SOLDERING TEMPERATURE	03/24/11	JUN
D	ADD C1 IN CONFIGURATION	12/02/09	JUN
C	UPDATE COMPANY LOGO UPDATE ROHS SYMBOL AND KAPTON LABEL ADD EC	11/05/08	JRK
B	UPDATE COMPANY LOGO	05/18/07	JRK
A	ORIGINAL DRAFT	5/26/04	JRK
REV	DESCRIPTION	DATE	

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Laird

PROJECT/PART NUMBER:	REV	DRAWN BY:
CM2545X171R-10	F	JRK
DATE: 5/26/04	SCALE: NTS	SHEET:
CAD # CM2545X171R-10-F-1	TOOL # H0249-600	1 of 2