

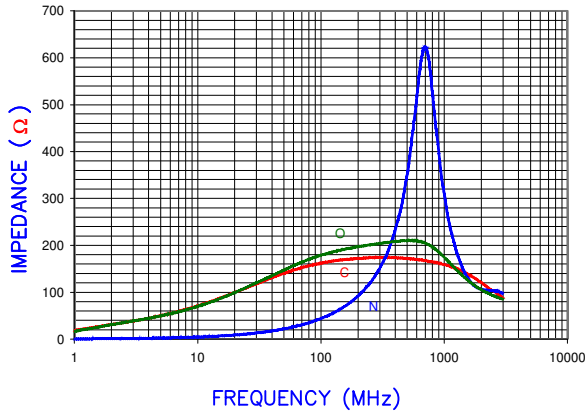
**PHYSICAL DIMENSIONS:**

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

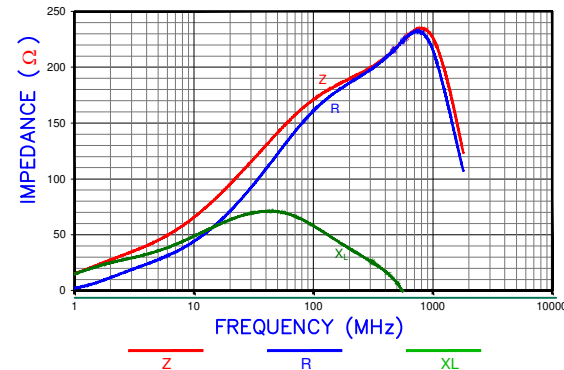
**WIRE DIMENSIONS:**

T1	2.90 [.114]	±	0.25 [.010]
T2	0.84 [.033]		TYP.
T3	0.46 [.018]		TYP.

Z vs. FREQUENCY (C,O,N)

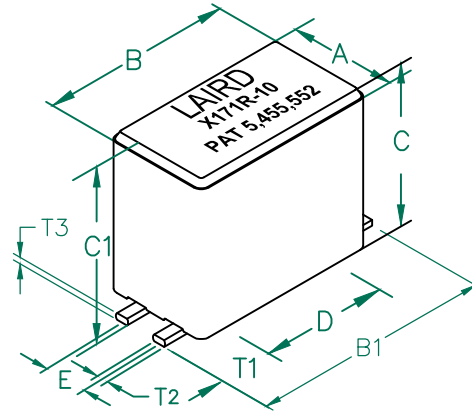


FREQUENCY (MHz)  
Z, R, XL vs. FREQUENCY



# CM2545X171R-10

**UNCONTROLLED DOCUMENT**



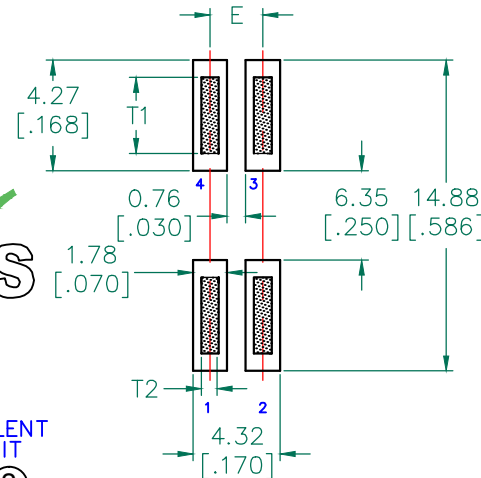
**ELECTRICAL CHARACTERISTICS:**

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

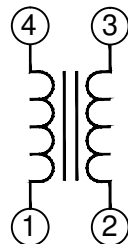
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 400 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPEC. # CART249-63.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40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

**LAND PATTERN FOR REFLOW SOLDERING**

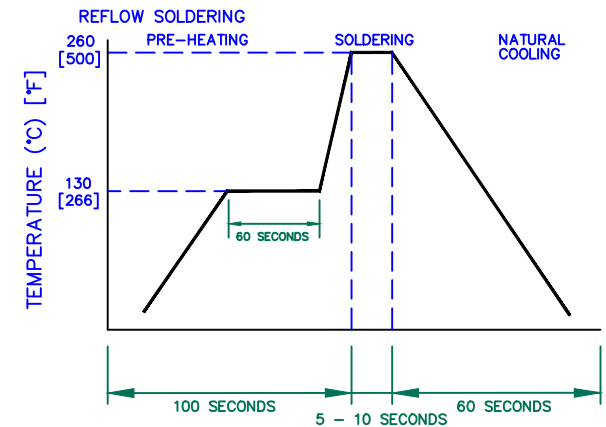


**RoHS**

**EQUIVALENT CIRCUIT**



**RECOMMENDED SOLDERING CONDITIONS**



DIMENSIONS ARE IN mm [INCHES]

F	ADD NOTE 6	08/30/12	QIU	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.		
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	PROJECT/PART NUMBER: <b>CM2545X171R-10</b>	REV <b>F</b>	DRAWN BY: <b>JRK</b>
REV	DESCRIPTION	DATE	JRK	DATE: 5/26/04	SCALE: NTS	SHEET: <b>1 of 2</b>