



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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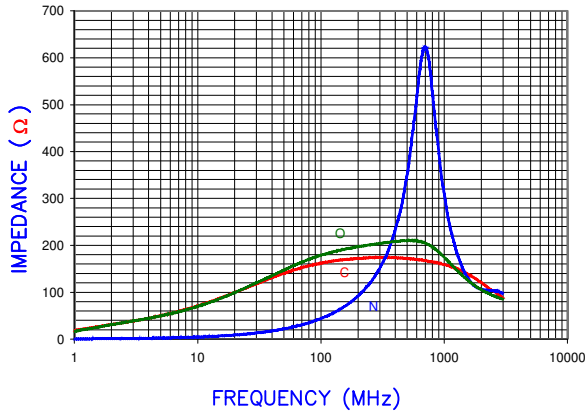
PHYSICAL DIMENSIONS:

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]

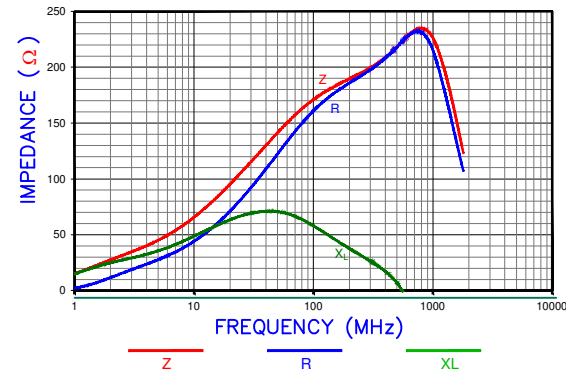
WIRE DIMENSIONS:

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

Z vs. FREQUENCY (C,O,N)

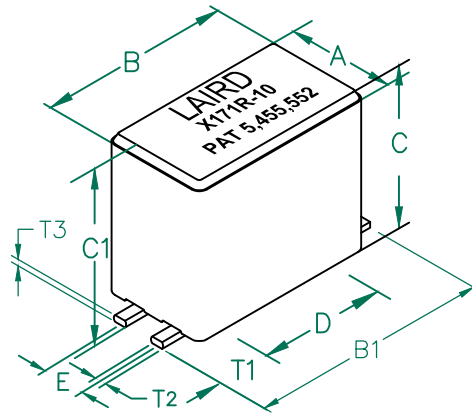


FREQUENCY (MHz)
Z, R, XL vs. FREQUENCY



CM2545X171R-10

UNCONTROLLED DOCUMENT



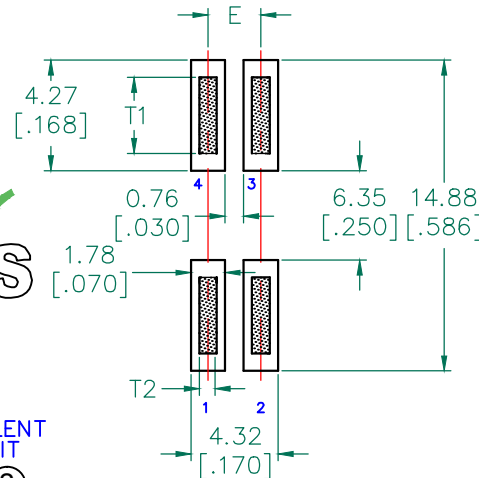
ELECTRICAL CHARACTERISTICS:

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

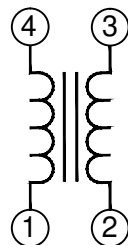
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 400 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPEC. # CART249-63.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40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

LAND PATTERN FOR REFLOW SOLDERING

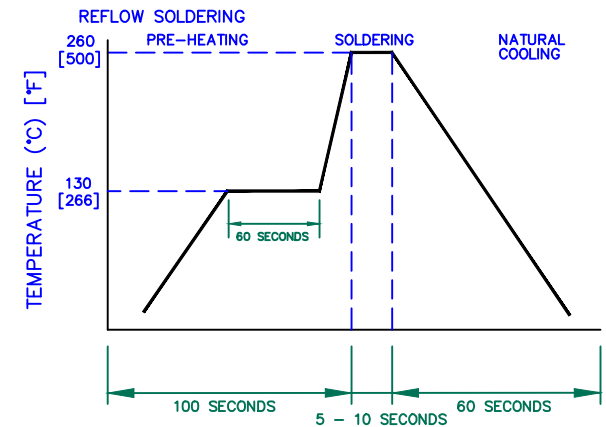


RoHS

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: CM2545X171R-10	REV F	DRAWN BY: JRK
REV	DESCRIPTION	DATE		DATE: 5/26/04	SCALE: NTS	SHEET: 1 of 2