



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:

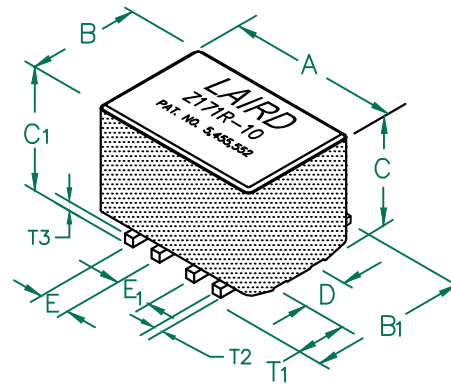
A	14.48 [.570]	± 0.23 [.009]
B	10.03 [.395]	± 0.15 [.006]
B ₁	11.05 [.435]	MAX
C	9.32 [.367]	± 0.15 [.006]
C ₁	10.49 [.413]	MAX.
D	4.06 [.160]	± 0.13 [.005]
E	2.54 [.100]	± 0.13 [.005]
E ₁	3.43 [.135]	± 0.13 [.005]

WIRE:

T ₁	3.56 [.140]	± 0.25 [.010]
T ₂	0.76 [.030]	TYP.
T ₃	0.76 [.030]	TYP.

CM5740Z171R-10

UNCONTROLLED DOCUMENT

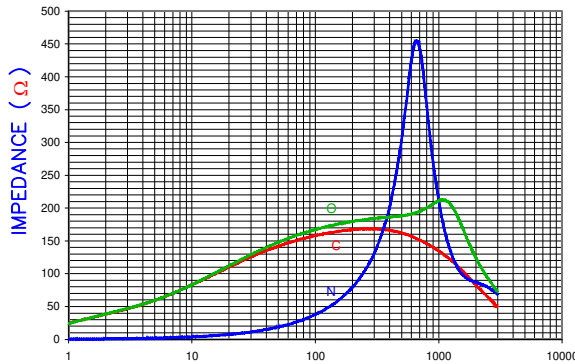


ELECTRICAL CHARACTERISTICS:		
Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	170	
Minimum	128	
Maximum	-	0.001 20,000 mA

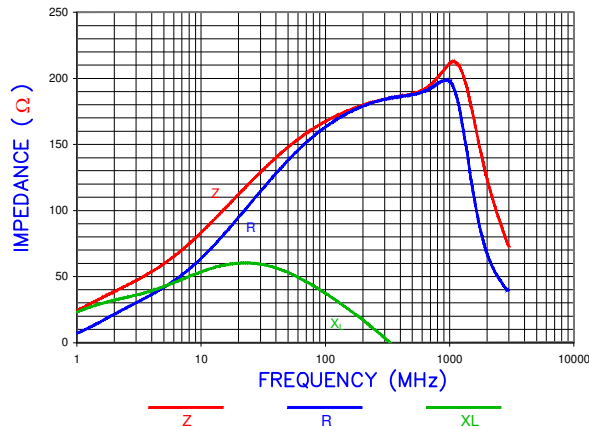
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 375 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION CART5740-6P.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

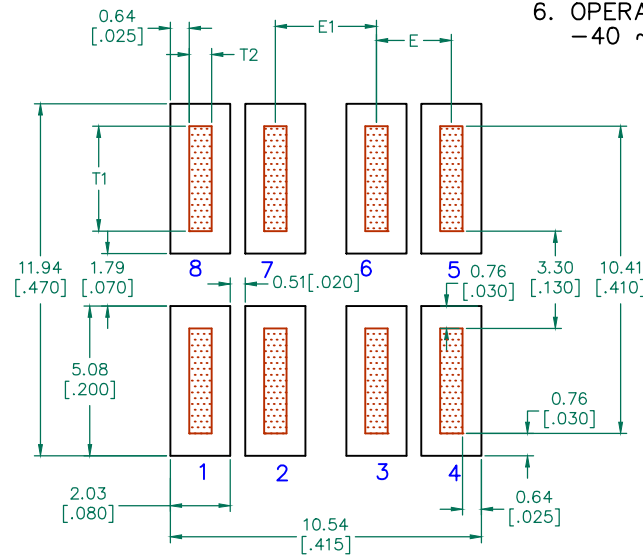
Z vs. FREQUENCY (C,O,N)



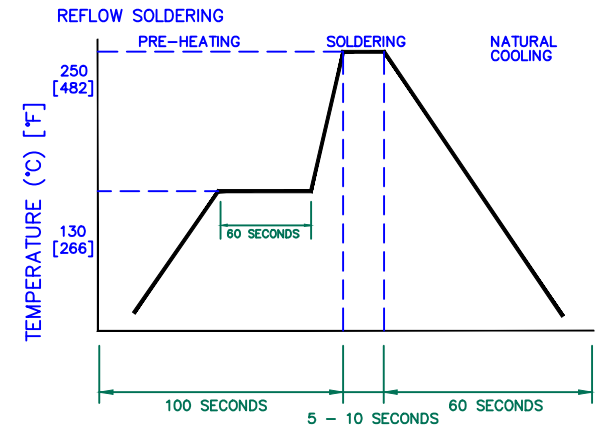
Z, R, XL vs. FREQUENCY



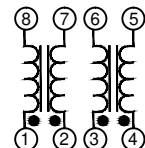
LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



EQUIVALENT CIRCUIT NO POLARITY



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 NOTE 6	08/30/12	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:
C	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/12/08	JRK	CM5740Z171R-10	D	ASSEMBLY
B	UPDATE COMPANY LOGO	01/08/08	JRK	DATE: 06/11/04	SCALE:	NTS
A	ORIGINAL DRAFT	06/11/04	JRK	CAD #	TITLE #	H0570
REV	DESCRIPTION	DATE	INT	CM5740Z171R-10-D-1	SHEET: 1 of 2	

