

# CM3440Z171B-10

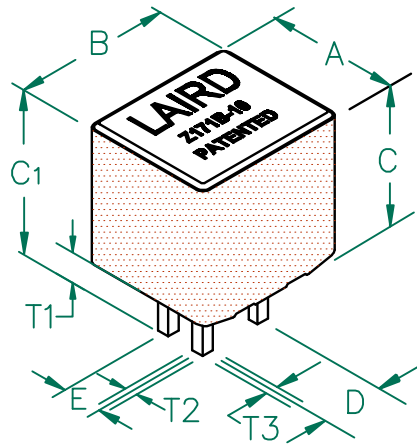


## PHYSICAL DIMENSIONS:

A	8.51	[.335]	+ 0.13	[.005]
B	10.03	[.395]	+ 0.15	[.006]
C	9.32	[.367]	+ 0.15	[.006]
C1	12.90	[.508]	MAX.	
D	4.06	[.160]	+ 0.13	[.005]
E	2.54	[.100]	+ 0.13	[.005]

## WIRE:

T <sub>1</sub>	3.12	[.123]	+ 0.25	[.010]
T <sub>2</sub>	0.76	[.030]	TYP.	
T <sub>3</sub>	0.76	[.030]	TYP.	



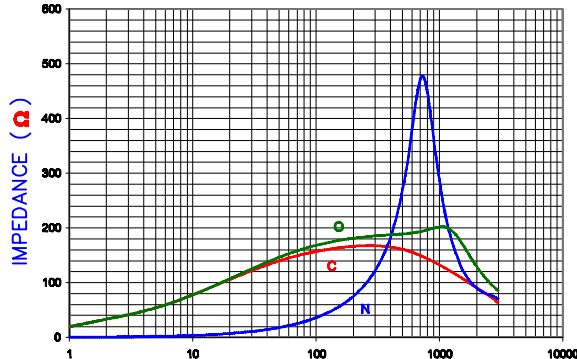
## ELECTRICAL CHARACTERISTICS:

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

NOTES: UNLESS OTHERWISE SPECIFIED

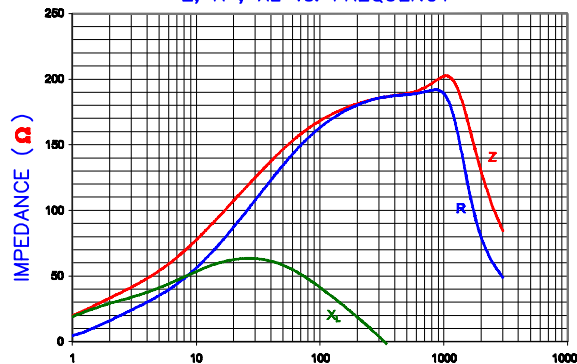
1. BULK PACKAGED 910 PC PER CASE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. THIS PART HAS NO PIN POLARITY.

Z vs. FREQUENCY (C,O,N)



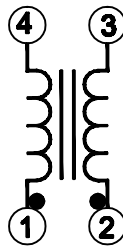
FREQUENCY (MHz)

Z, R, XL vs. FREQUENCY

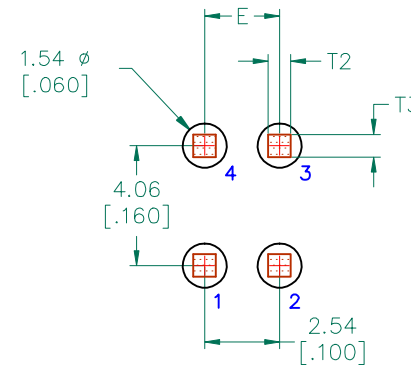


FREQUENCY (MHz)

## EQUIVALENT CIRCUIT



## HOLE PATTERNS FOR WAVE SOLDERING



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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	CORRECT CALLOUT ON KAPTON LABEL	11/11/08	JRK	REV	PART TYPE:	DRAWN BY:
C	UPDATE COMPANY LOGO CHG KAPTON LABEL ADD EQUIVALENT CIRCUIT	10/27/08	JRK	D	ASSEMBLY	JRK
B	CHG ISO VIEW UPDATE COMPANY LOGO UPDATE ROHS SYMBOL	06/15/07	JRK	PROJECT/PART NUMBER: <b>CM3440Z171B-10</b>		
A	ORIGINAL DRAFT	5/27/04	JRK	DATE:	5/27/04	SCALE: NTS SHEET:
REV	DESCRIPTION	DATE	INT	CAD #	CM3440Z171B-10-D-2	TOOL # H0335 SHEET: <b>2 of 3</b>

