



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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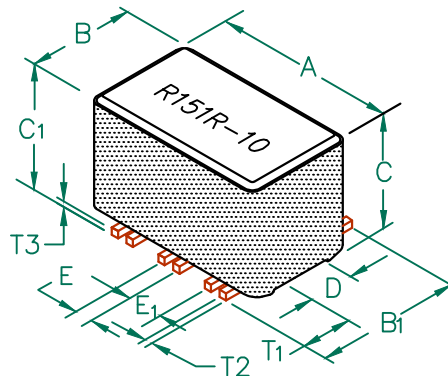
# CM3822R151R-10

## PHYSICAL DIMENSIONS:

A	9.78 [ .385 ]	+ 0.15 [ .006 ]
B	5.72 [ .225 ]	+ 0.10 [ .004 ]
B <sub>1</sub>	6.73 [ .265 ]	MAX
C	7.62 [ .300 ]	+ 0.13 [ .005 ]
C <sub>1</sub>	8.40 [ .330 ]	MAX.
D	2.41 [ .095 ]	+ 0.08 [ .003 ]
E	0.89 [ .035 ]	+ 0.13 [ .005 ]
E <sub>1</sub>	1.91 [ .075 ]	+ 0.13 [ .005 ]

## WIRE:

T <sub>1</sub>	1.91 [ .075 ]	+ 0.25 [ .010 ]
T <sub>2</sub>	0.38 [ .015 ]	TYP.
T <sub>3</sub>	0.38 [ .015 ]	TYP.



## ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz ( Ω )	DCR ( Ω )	Rated Current
Nominal	150		
Minimum	120		
Maximum	-	0.02	5,000 mA

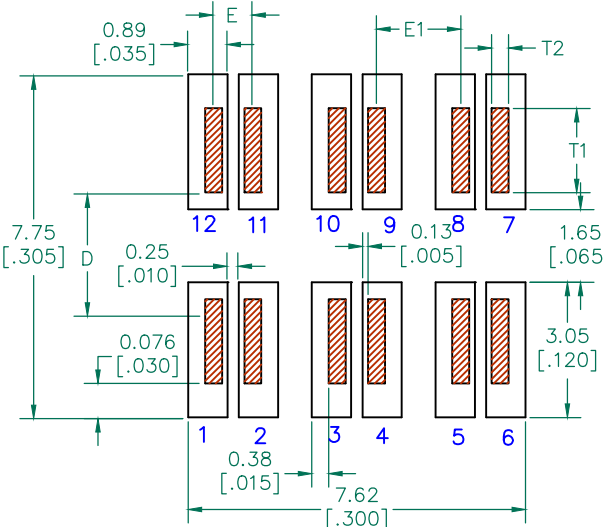
## NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 600 PCS per REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPEC. # CART3822-1P.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

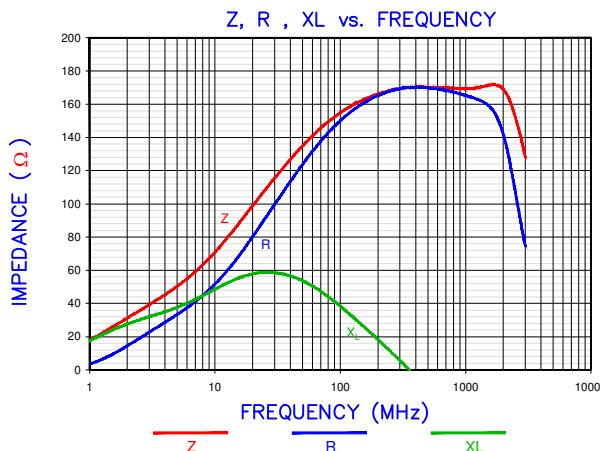
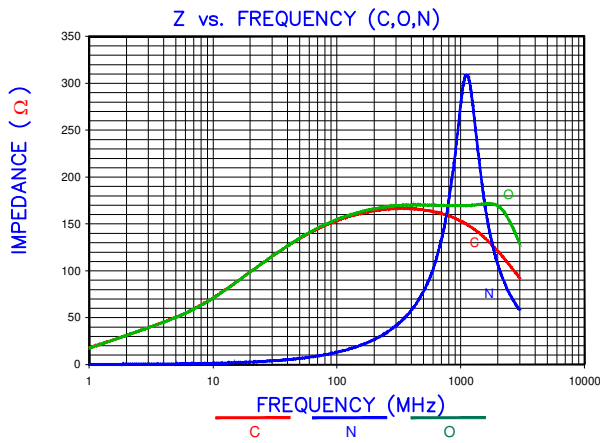
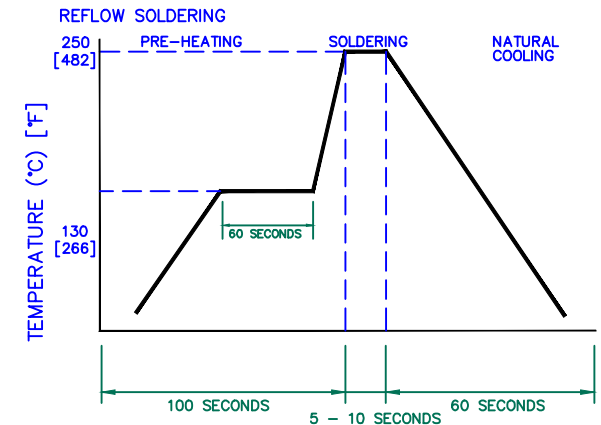
RoHS

UNCONTROLLED DOCUMENT

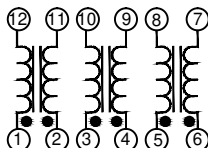
## LAND PATTERNS FOR REFLOW SOLDERING



## RECOMMENDED SOLDERING CONDITIONS



## EQUIVALENT CIRCUIT NO POLARITY



## DIMENSIONS ARE IN mm (INCHES).

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E	ADD NOTE 6	08/30/12	QIU	PROJECT/PART NUMBER: <b>CM3822R151R-10</b> REV <b>E</b> PART TYPE: <b>ASSEMBLY</b> DRAWN BY: <b>JRK</b> DATE: 06/01/04 SCALE: <b>NTS</b> SHEET: <b>1 of 2</b> CAD # <b>H0385-1</b>		
D	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	01/30/09	JRK			
C	UPDATE COMPANY LOGO	11/29/07	JRK			
B	CORRECT PART WEIGHT	01/10/05	JRK			
A	ORIGINAL DRAFT	06/01/04	JRK			
REV	DESCRIPTION	DATE	INT	CM3822R151R-10-E-1 H0385-1		

