

CM5022R151R-10

**UNCONTROLLED
DOCUMENT**



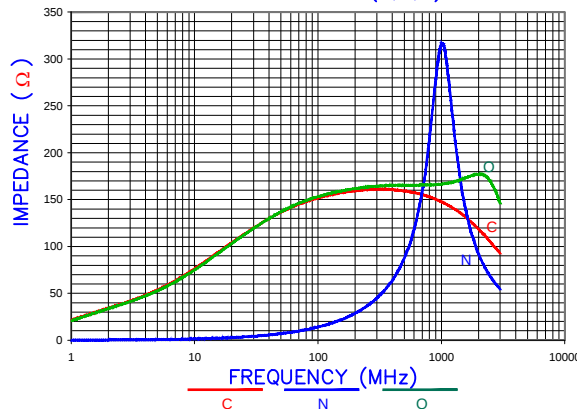
PHYSICAL DIMENSIONS:

A	12.57 [.495]	+ 0.20 [.008]
B	5.72 [.225]	+ 0.10 [.004]
B ₁	6.73 [.265]	MAX
C	7.62 [.300]	+ 0.13 [.005]
C ₁	8.40 [.330]	MAX.
D	2.41 [.095]	+ 0.08 [.003]
E	0.89 [.035]	+ 0.13 [.005]
E ₁	1.91 [.075]	+ 0.13 [.005]

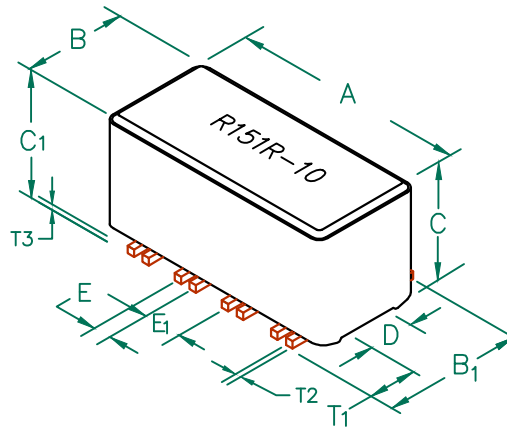
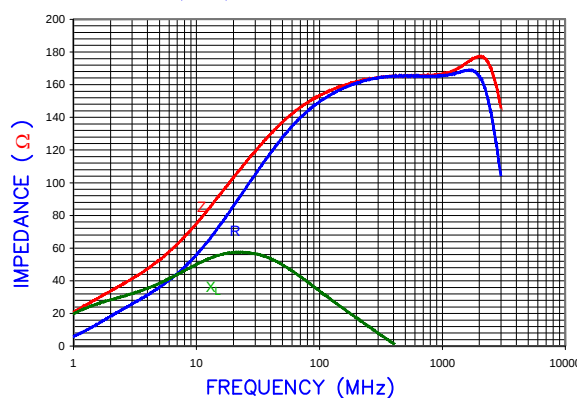
WIRE:

T ₁	1.91 [.075]	+ 0.25 [.010]
T ₂	0.38 [.015]	TYP.
T ₃	0.38 [.015]	TYP.

Z vs. FREQUENCY (C,O,N)



Z, R , XL vs. FREQUENCY



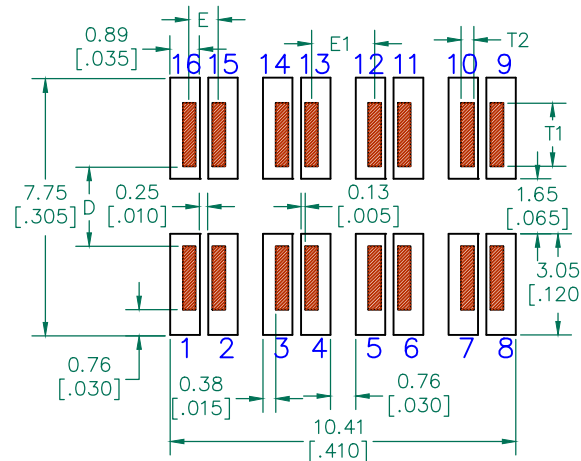
ELECTRICAL CHARACTERISTICS:

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

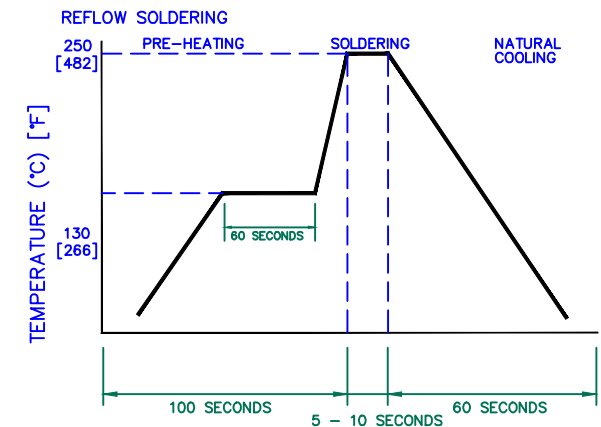
NOTES: UNLESS OTHERWISE SPECIFIED

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 SPECIFICATION # CART5022-1P.
4. TERMINATION FINISH IS 100% TIN.
5. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

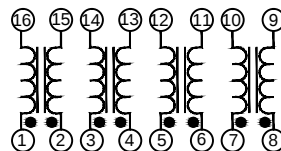
LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



EQUIVALENT CIRCUIT NO POLARITY



DIMENSIONS ARE IN mm (INCHES).

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D	ADD NOTE 5	08/30/12	QIU	PROJECT/PART NUMBER:	CM5022R151R-10
C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	02/03/09	JRK	REV D	PART TYPE: ASSEMBLY
B	UPDATE COMPANY LOGO, ADD ROHS	12/12/07	JRK	DATE: 04/27/04	SHEET: 1 of 2
A	ORIGINAL DRAFT	04/27/04	JRK	SCALE: NTS	
REV	DESCRIPTION	DATE	INT	CAD #	CM5022R151R-10-D-1