

PHYSICAL DIMENSIONS:

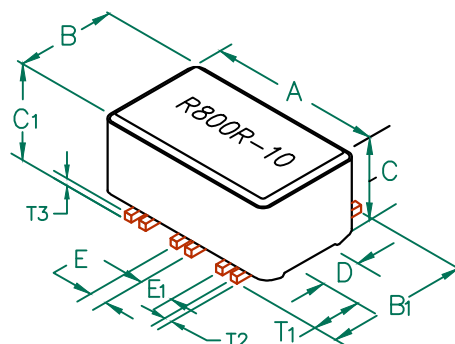
A	9.78 [.385]	+ 0.15 [.006]
B	5.72 [.225]	+ 0.10 [.004]
B ₁	6.73 [.265]	MAX
C	4.32 [.170]	+ 0.08 [.003]
C ₁	5.00 [.197]	MAX.
D	2.41 [.095]	+ 0.08 [.003]
E	0.89 [.035]	+ 0.13 [.005]
E ₁	1.91 [.075]	+ 0.13 [.005]

WIRE:

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

CM3822R800R-10

RoHS



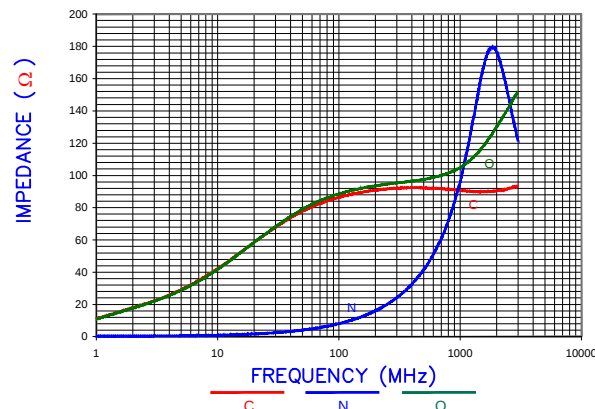
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	80	
Minimum	64	
Maximum	—	0.02 5,000 mA

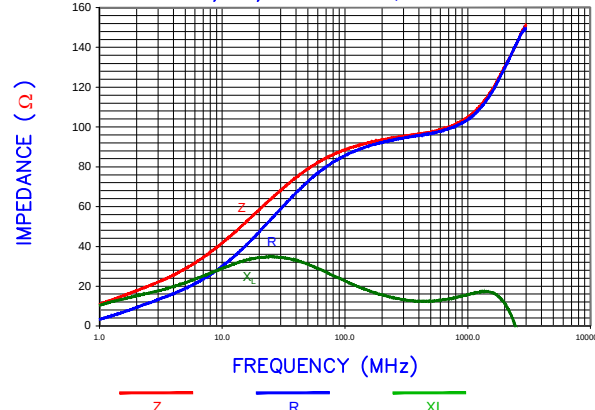
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS, 13" REELS 1000 PCS PER REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION #CART3822-0P.
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)



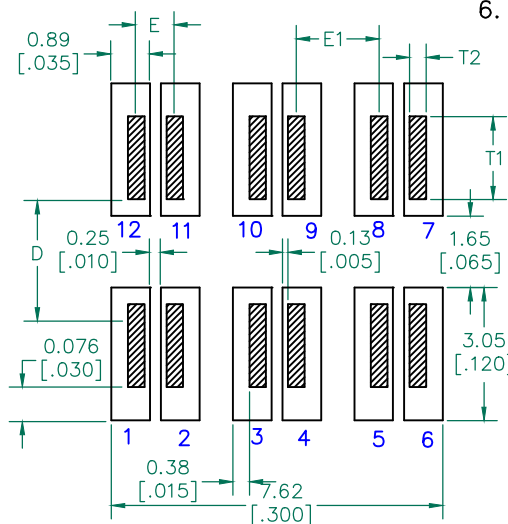
Z, R, XL vs. FREQUENCY



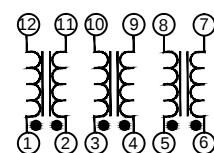
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3007

UNCONTROLLED DOCUMENT

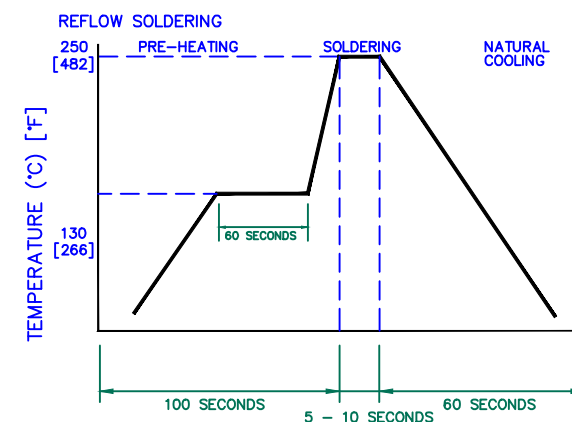
LAND PATTERNS FOR REFLOW SOLDERING



EQUIVALENT CIRCUIT NO POLARITY



RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm (INCHES).

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D	ADD NOTE 6	08/30/12	QIU	PROJECT/PART NUMBER:
C	UPDATE COMPANY LOGO ADD EQUIV. CIRCUIT	02/03/09	JRK	CM3822R800R-10
B	UPDATE COMPANY LOGO	12/06/07	JRK	DATE: 06/01/04
A	ORIGINAL DRAFT	06/01/04	JRK	CAD #
REV	DESCRIPTION	DATE	INT	CM3822R800R-10-D-1
SCALE: NTS			SHEET: 1 of 2	
REV D			PART TYPE: ASSEMBLY	
DRAWN BY: JRK				