CM3822R201R-10

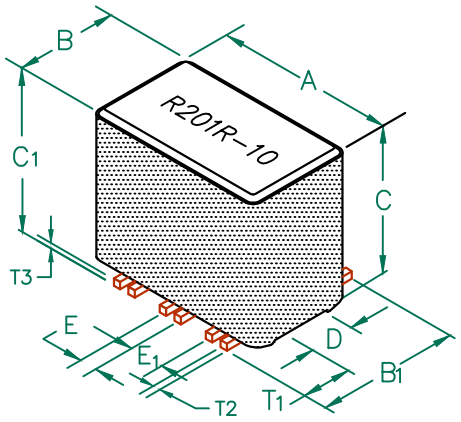
RoHS

PHYSICAL DIMENSIONS:

A	9.78 [.385]	± 0.15 [.006]
B	5.72 [.225]	± 0.10 [.004]
B_1	6.73 [.265]	MAX
C	9.53 [.375]	± 0.15 [.006]
C_1	10.31 [.406]	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.



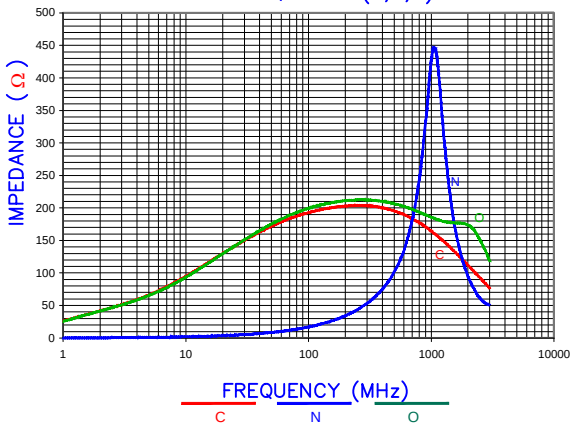
UNCONTROLLED DOCUMENT

ELECTRICAL CHARACTERISTICS:			
Z @ 100MHz (Ω)		DCR (Ω)	Rated Current
Nominal	200		
Minimum	160		
Maximum	–	0.02	5,000 mA

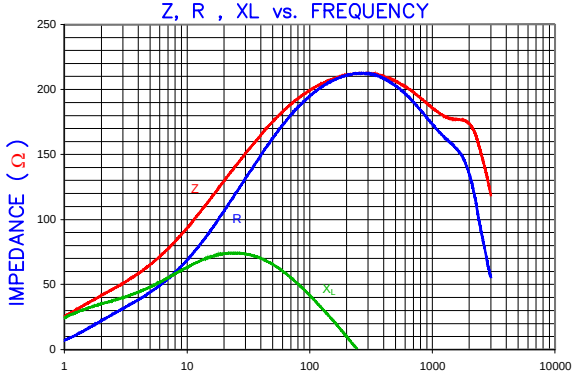
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 500 PCS per REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART3822-2P.
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)

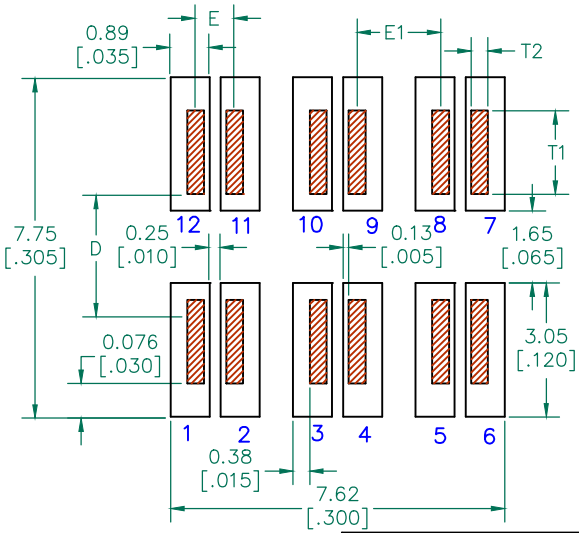


Z, R , XL vs. FREQUENCY

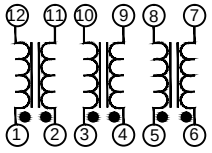


AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3007

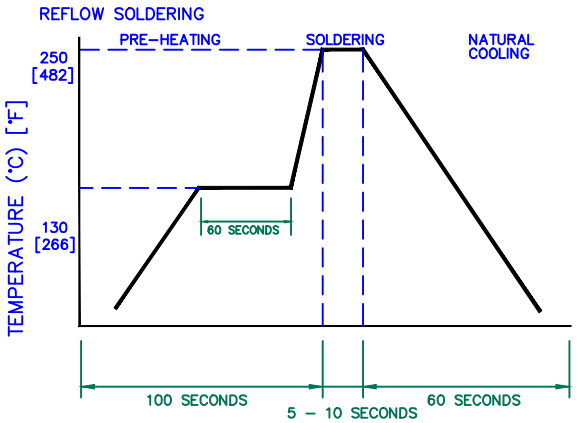
LAND PATTERNS FOR REFLOW SOLDERING



EQUIVALENT CIRCUIT
NO POLARITY



RECOMMENDED SOLDERING CONDITIONS



REV	DESCRIPTION	DATE	INT
D	ADD NOTE 6	08/30/12	QIU
C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	02/02/09	JRK
B	UPDATE COMPANY LOGO	11/29/07	JRK
A	ORIGINAL DRAFT	06/01/04	JRK

DIMENSIONS ARE IN mm (INCHES).

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM3822R201R-10	D	ASSEMBLY	JRK

DATE:	SCALE:	SHEET:
06/01/04	NTS	1 of 2

CAD # CM3822R201R-10-D-1
TOOL # H0385-2