

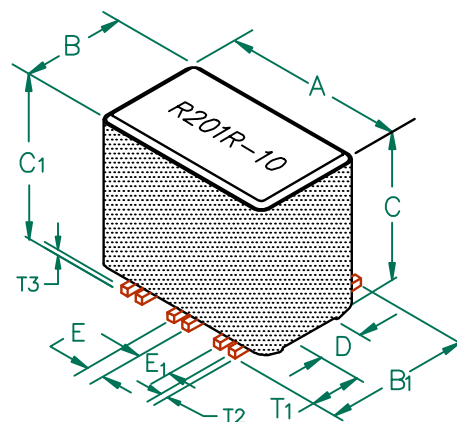
PHYSICAL DIMENSIONS:

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:

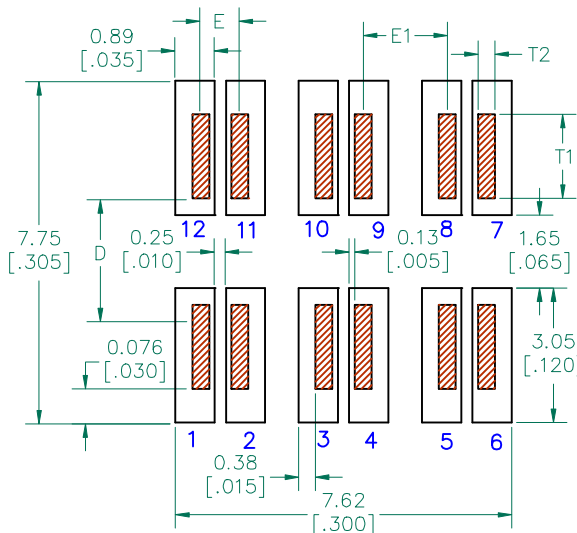
T ₁	1.91 [.075]	± 0.25 [.010]
T ₂	0.38 [.015]	TYP.
T ₃	0.38 [.015]	TYP.

CM3822R201R-10

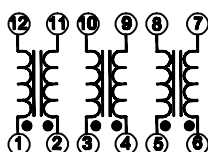


UNCONTROLLED DOCUMENT

LAND PATTERNS FOR REFLOW SOLDERING



EQUIVALENT CIRCUIT NO POLARITY



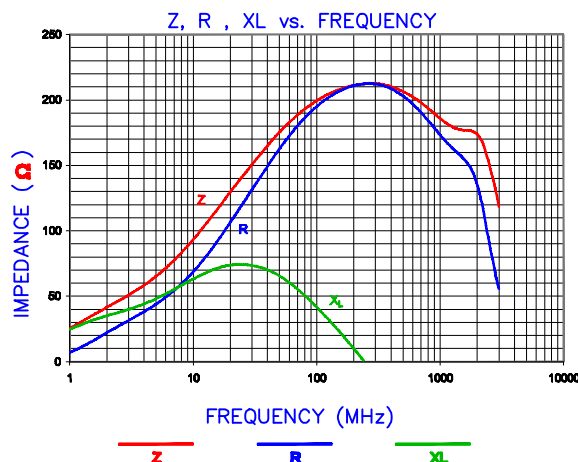
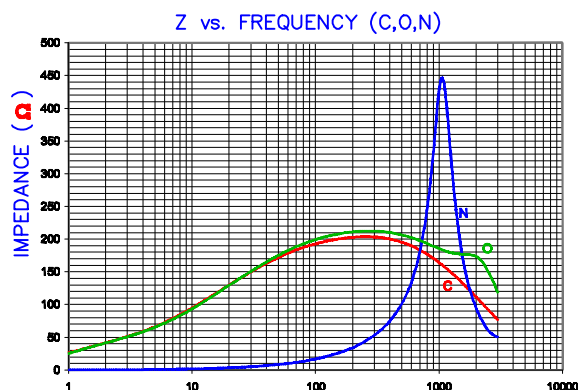
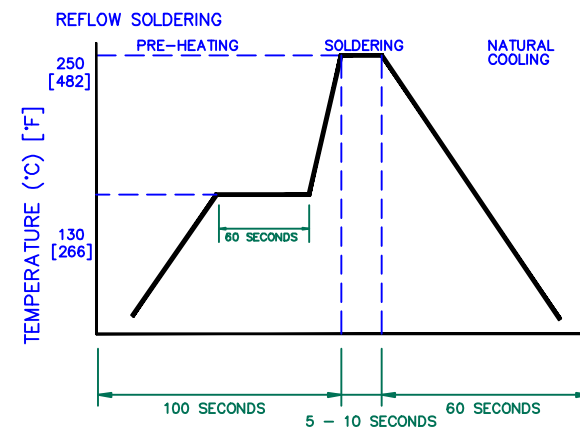
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	200		
Minimum	160		
Maximum	—	0.02	5,000 mA
			30

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.

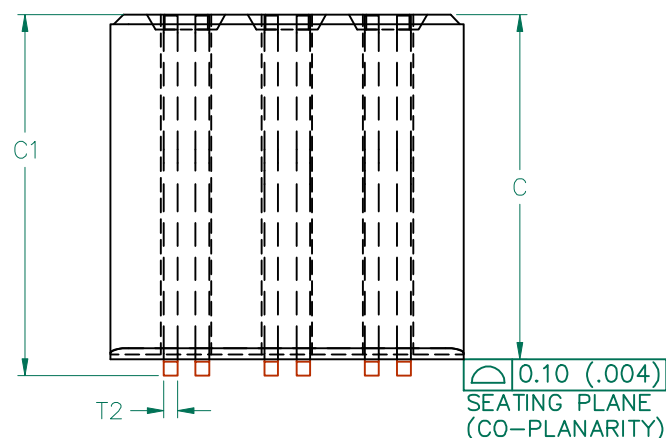
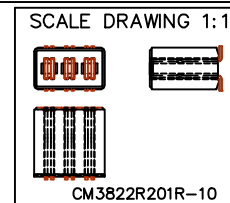
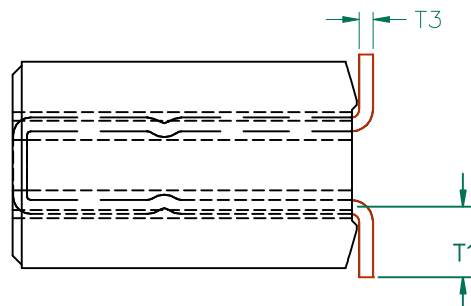
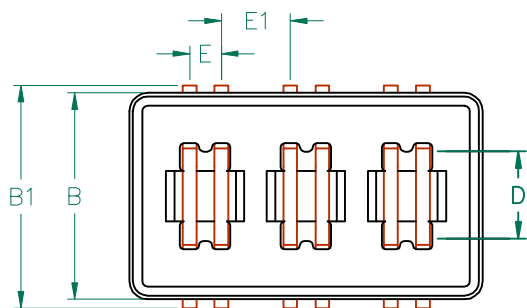
RECOMMENDED SOLDERING CONDITIONS



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

DIMENSIONS ARE IN mm (INCHES).

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D	ADD RATED VOLTAGE AND 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
REV	DESCRIPTION	DATE	INT
PROJECT/PART NUMBER: CM3822R201R-10			
REV	D	PART TYPE: ASSEMBLY	DRAWN BY: JRK
DATE: 06/01/04		SCALE: NTS	SHEET: 2 of 3
CAD # CM3822R201R-10-D-2		TOOL # H0385-2	



DIMENSIONS:

A	9.78 [.385]	+	0.15 [.006]
B	5.72 [.225]	+	0.10 [.004]
B ₁	6.73 [.265]		MAX
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WIRE DIMENSIONS:

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T ₃	0.38 [.015]		TYP.



**UNCONTROLLED
DOCUMENT**

ELECTRICAL TESTING

	GROSS	GROSS
TEST:	Z	Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	145 Ω	200 Ω
MINIMUM	115 Ω	160 Ω
WEIGHT/1000	2.29 kgs.	5.05 lbs.

NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0022-*1.
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0022-*1 WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
3. REFERENCE STEWARD CORE 24H0385-200.
4. NO MORE THAN 0.18 [.007] DIFFERENCE FROM THE LONGEST TO THE SHORTEST CONDUCTOR ON ONE SIDE.
5. TERMINATION FINISH IS 100% TIN.

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D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU		
C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	02/02/09	JRK	PROJECT/PART NUMBER: CM3822R201R-10	REV: D PART TYPE: ASSEMBLY DRAWN BY: JRK
B	UPDATE COMPANY LOGO	11/29/07	JRK	DATE: 06/01/04	SCALE: NTS SHEET: 3 of 3
A	ORIGINAL DRAFT	06/01/04	JRK	CAD # CM3822R201R-10-D-3	TOOL # H0385-2
REV	DESCRIPTION	DATE	INT		