

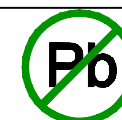
PHYSICAL DIMENSIONS:

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]

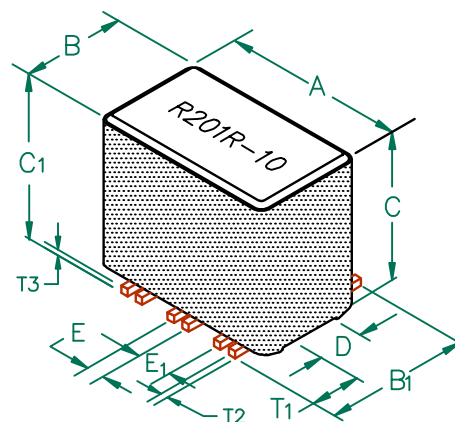
WIRE:

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

CM3822R201R-10



RoHS
2002/95/EC

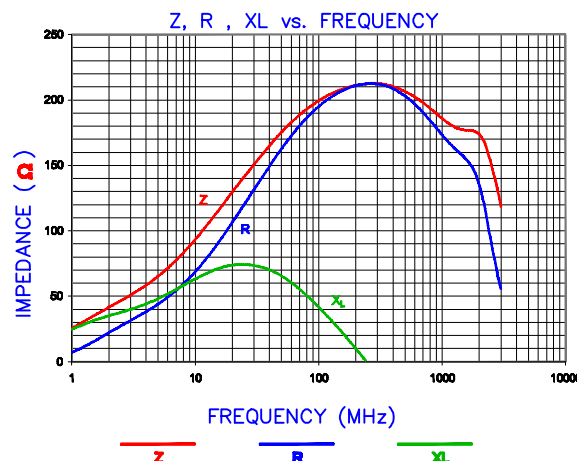
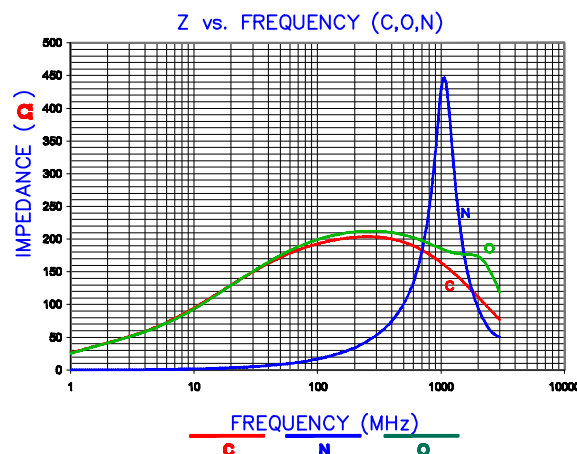


ELECTRICAL CHARACTERISTICS:

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

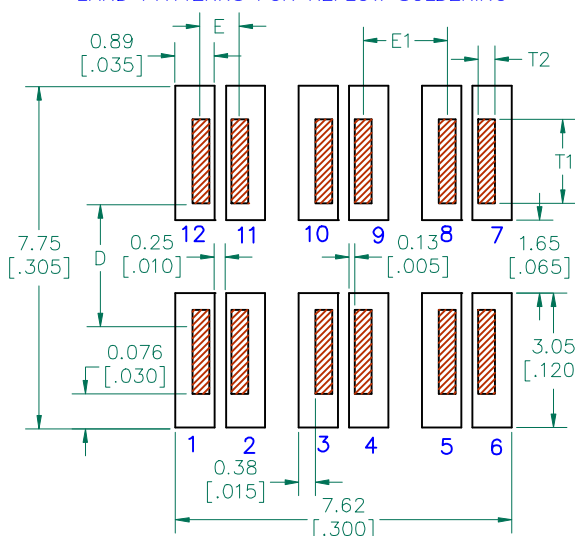
NOTES: UNLESS OTHERWISE SPECIFIED

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.

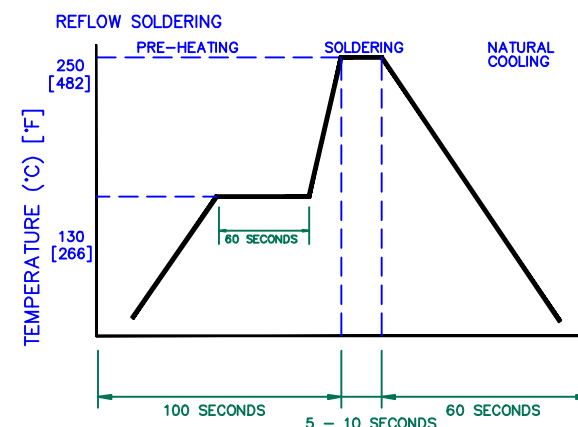


UNCONTROLLED DOCUMENT

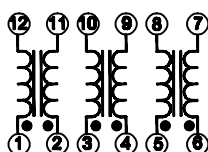
LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



EQUIVALENT CIRCUIT NO POLARITY

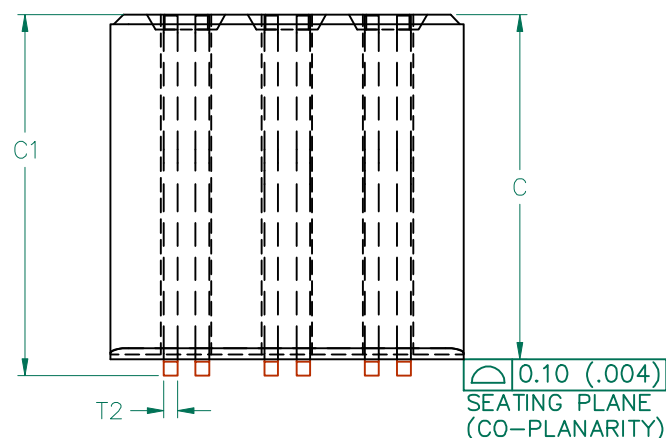
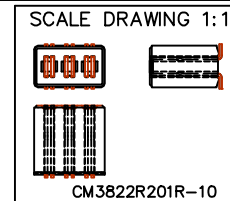
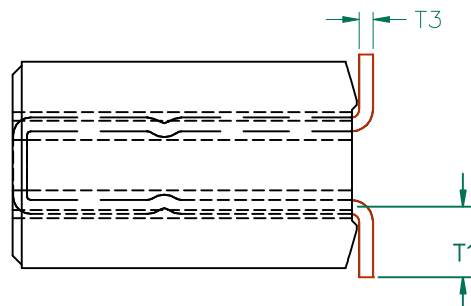
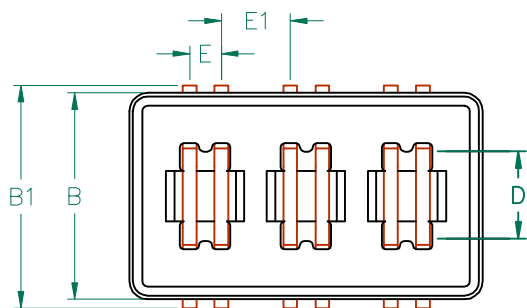


DIMENSIONS ARE IN mm (INCHES).

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REV	DESCRIPTION	DATE	INT	PROJECT/PART NUMBER:	DATE	SCALE:	SHEET:
D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU	CM3822R201R-10	06/01/04	NTS	2 of 3
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	CM3822R201R-10-D-2			



**UNCONTROLLED
DOCUMENT**

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 DIMENSIONS:

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

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.

DIMENSIONS ARE IN mm (INCHES).				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved. 	
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
B	UPDATE COMPANY LOGO	11/29/07	JRK	PART TYPE: ASSEMBLY	DRAWN BY: JRK
A	ORIGINAL DRAFT	06/01/04	JRK		
REV	DESCRIPTION	DATE	INT		
				DATE: 06/01/04	SCALE: NTS
				CAD # CM3822R201R-10-D-3	SHEET: H0385-2
				3 of 3	