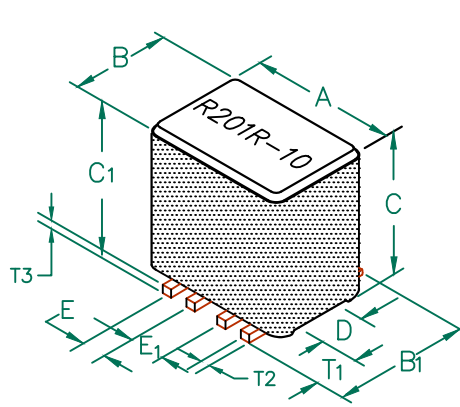


# CM2722R201R-10

## PHYSICAL DIMENSIONS:

A	6.99 [.275]	± 0.10 [.004]
B	5.72 [.225]	± 0.10 [.004]
B <sub>1</sub>	6.73 [.265]	MAX
C	9.53 [.375]	± 0.15 [.006]
C <sub>1</sub>	10.31 [.406]	MAX.
D	2.41 [.095]	± 0.08 [.003]
E	0.89 [.035]	± 0.13 [.005]
E <sub>1</sub>	1.91 [.075]	± 0.13 [.005]
<b>WIRE:</b>		
T <sub>1</sub>	1.91 [.075]	± 0.25 [.010]
T <sub>2</sub>	0.38 [.015]	± TYP.
T <sub>3</sub>	0.38 [.015]	± TYP.



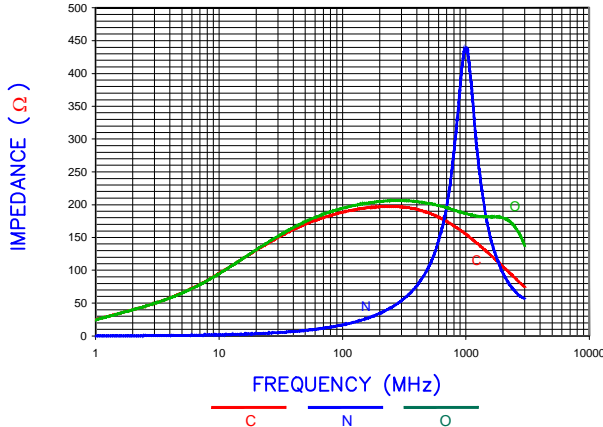
## ELECTRICAL CHARACTERISTICS:

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

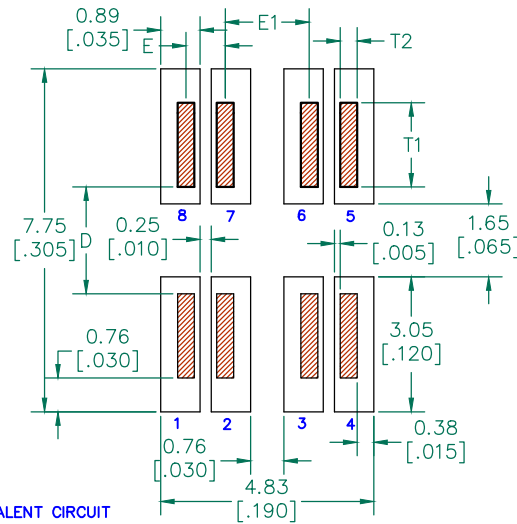
NOTES: UNLESS OTHERWISE SPECIFIED

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# CART2722-2P.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

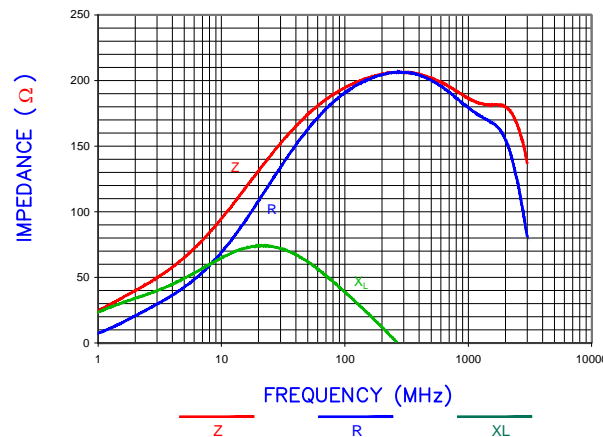
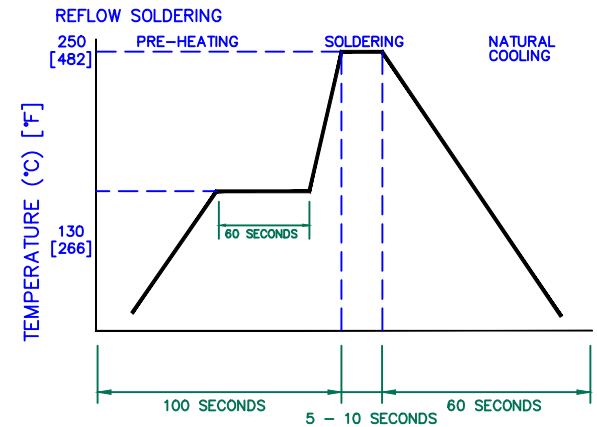
Z vs. FREQUENCY (C,O,N)



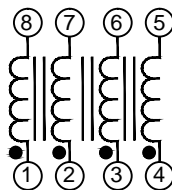
LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



EQUIVALENT CIRCUIT  
NO POLARITY

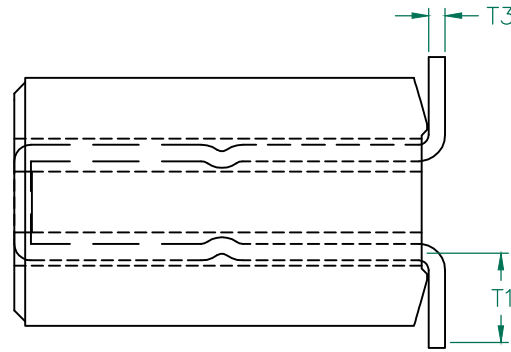
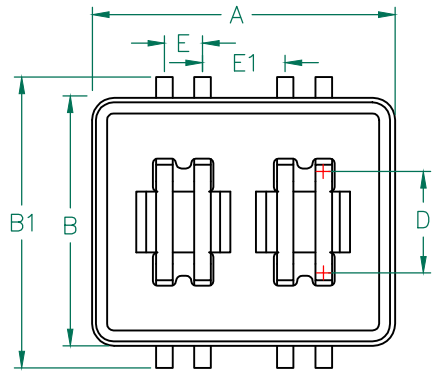


DIMENSIONS ARE IN mm (INCHES).

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D	ADD NOTE 6	08/30/12	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	01/30/09	JRK	CM2722R201R-10	D	ASSEMBLY	JRK
B	UPDATE COMPANY LOGO & ROHS SYMB.	11/14/07	JRK	DATE: 06/01/04	SCALE:	NTS	SHEET:
A	ORIGINAL DRAFT	6/01/04	JRK	CAD #	TOOL #		
REV	DESCRIPTION	DATE	INT	CM2722R201R-10-D-1	H0275-2		1 of 2

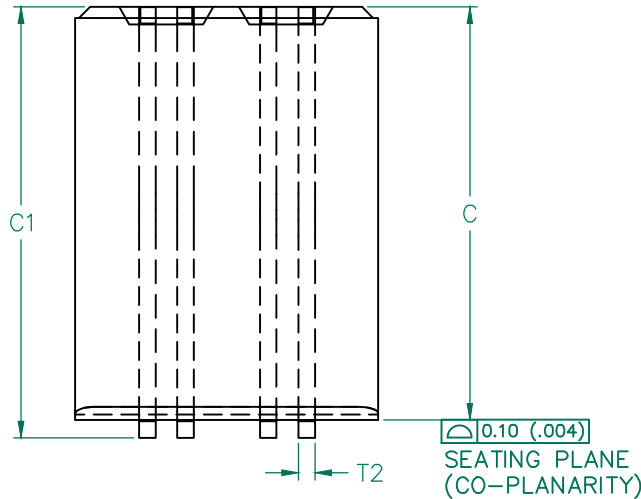


SCALE DRAWING 1:1

CM2722R201R-10

**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	1.65 kgs.	3.63 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 P/N 24H0275-200.
4. NO MORE THAN 0.18 [.007] DIFFERENCE FROM THE LONGEST TO THE SHORTEST CONDUCTOR ON ONE SIDE.
5. TERMINATION FINISH IS 100% TIN.
6. THIS PART HAS NO PIN POLARITY.

**WIRE DIMENSIONS:**

T1	1.91 [.075]	+	0.25 [.010]
T2	0.38 [.015]		TYP.
T3	0.38 [.015]		TYP.

**DIMENSIONS:**

A	6.99 [.275]	+	0.10 [.004]
B	5.72 [.225]	+	0.10 [.004]
B1	6.73 [.265]		MAX
C	9.53 [.375]	+	0.15 [.006]
C1	10.31 [.406]		MAX.
D	2.41 [.095]	+	0.08 [.003]
E	0.89 [.035]	+	0.13 [.005]
E1	1.91 [.075]	+	0.13 [.005]

DIMENSIONS ARE IN mm (INCHES).

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D	ADD NOTE 6	08/30/12	QIU			PROJECT/PART NUMBER:	REV	PART TYPE:
C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	01/30/09	JRK	CM2722R201R-10	D	ASSEMBLY	JRK	
B	UPDATE COMPANY LOGO & ROHS SYMB.	11/14/07	JRK	DATE:	06/01/04	SCALE:	NTS	SHEET:
A	ORIGINAL DRAFT	6/01/04	JRK	CAD #	CM2722R201R-10-D-2	TOOL #	H0275-2	2 of 2
REV	DESCRIPTION	DATE	INT					