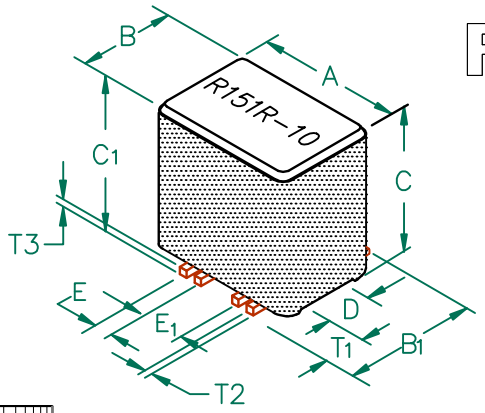
CM2722R151R-10

PHYSICAL DIMENSIONS:

A	6.99 [.275]	±	0.10 [.004]
B	5.72 [.225]	±	0.10 [.004]
B_1	6.73 [.265]		MAX
C	7.62 [.300]	±	0.13 [.005]
C_1	8.40 [.330]		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.



RoHS 2002/95/EC

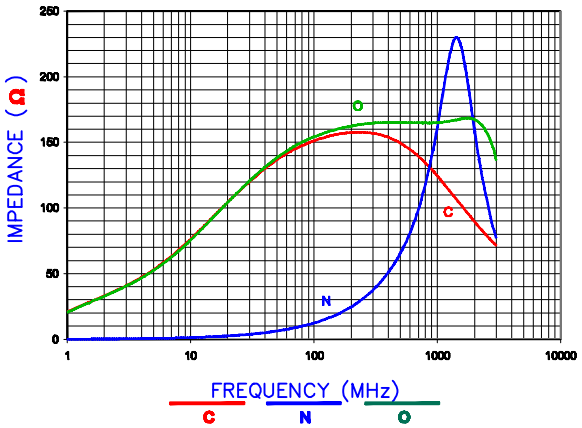
ELECTRICAL CHARACTERISTICS:				
Z @ 100MHz (Ω)		DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	150			
Minimum	120			
Maximum	–	0.02	5,000 mA	30

NOTES: UNLESS OTHERWISE SPECIFIED

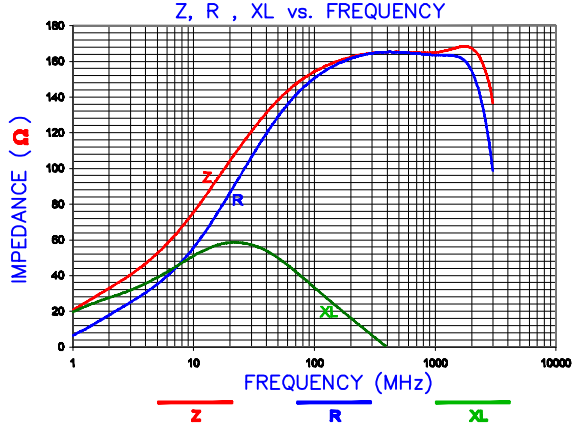
1. TAPED AND REELED per CURRENT EIA SPEC. 13" REELS, 600 PCS per REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION #CART2722-1P.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

UNCONTROLLED DOCUMENT

Z vs. FREQUENCY (C,O,N)

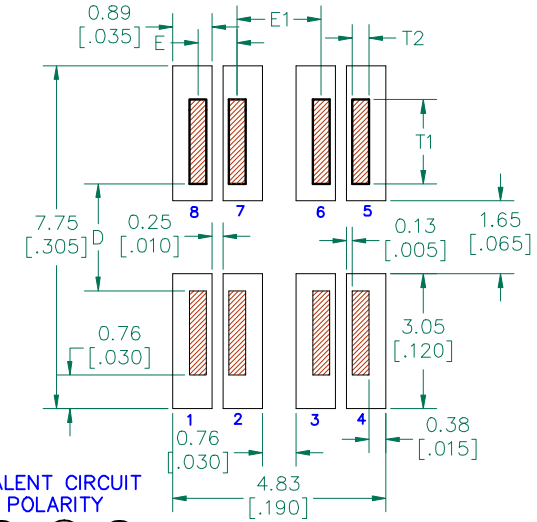


Z, R , XL vs. FREQUENCY

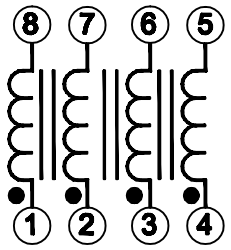


AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3007

LAND PATTERNS FOR REFLOW SOLDERING

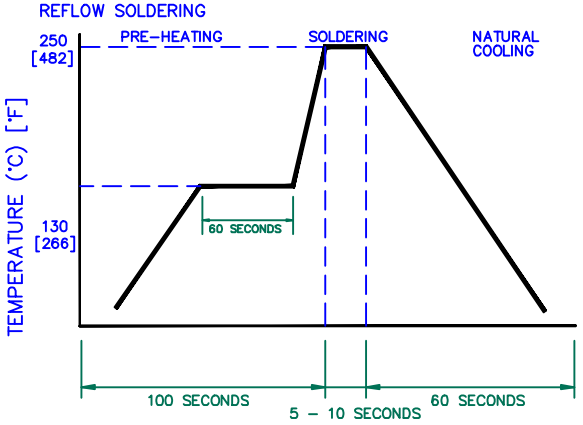


EQUIVALENT CIRCUIT
NO POLARITY



RECOMMENDED SOLDERING CONDITIONS

REFLOW SOLDERING

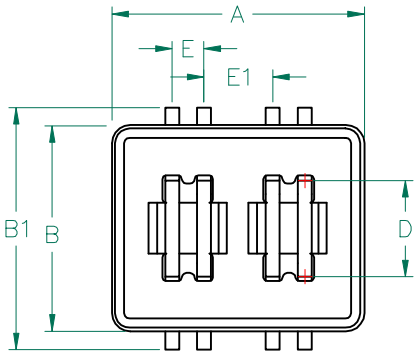


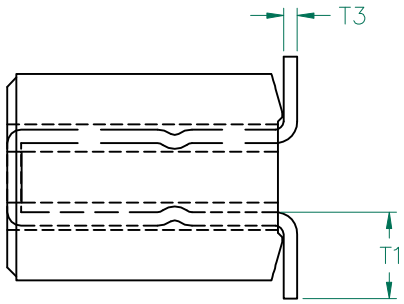
REV	DESCRIPTION	DATE	INT
D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU
C	UPDATE COMPANY LOGO & ROHS SYMB. ADD EQUIVALENT CIRCUIT	01/29/09	JRK
B	UPDATE COMPANY LOGO	05/18/07	JRK
A	ORIGINAL DRAFT	5/26/04	JRK

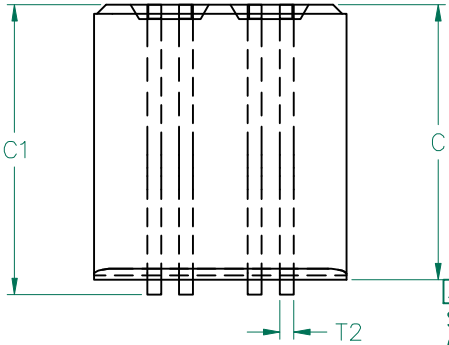
DIMENSIONS ARE IN mm (INCHES).

Laird TECHNOLOGIES

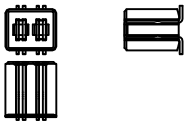
PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM2722R151R-10	D	ASSEMBLY	JRK
DATE: 5/26/04	SCALE: NTS	SHEET: 2 of 3	
CAD # CM2722R151R-10-D-2	TOOL # H0275-1		







SCALE DRAWING 1:1



CM2722R151R-10

ELECTRICAL TESTING

	GROSS	GROSS
TEST:	Z	Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	110 Ω	150 Ω
MINIMUM	85 Ω	120 Ω
WEIGHT/1000	1.31 kgs.	2.89 lbs.

RoHS 2002/95/EC

UNCONTROLLED DOCUMENT

DIMENSIONS:

A	6.99 [.275]	±	0.10 [.004]
B	5.72 [.225]	±	0.10 [.004]
B_1	6.73 [.265]		MAX
C	7.62 [.300]	±	0.13 [.005]
C_1	8.40 [.330]		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.

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 24H0275-100.
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.

DIMENSIONS ARE IN mm (INCHES).

REV	DESCRIPTION	DATE	INT
D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU
C	UPDATE COMPANY LOGO & ROHS SYMB. ADD EQUIVALENT CIRCUIT	01/29/09	JRK
B	UPDATE COMPANY LOGO	05/18/07	JRK
A	ORIGINAL DRAFT	05/26/04	JRK

Laird TECHNOLOGIES

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM2722R151R-10	D	ASSEMBLY	JRK
DATE: 05/26/04	SCALE: NTS	SHEET: 3 of 3	
CAD # CM2722R151R-10-D-3	TOOL # H0275-100		