

PHYSICAL DIMENSIONS:

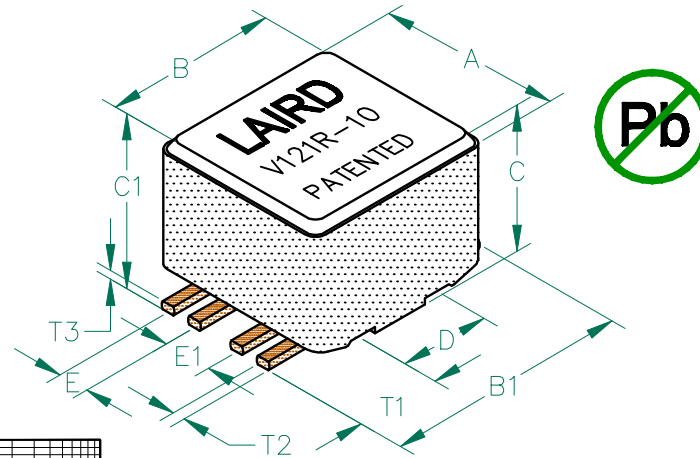
A	7.62 [.300]	+ 0.13 [.005]
B	8.13 [.320]	+ 0.13 [.005]
B ₁	10.92 [.430]	MAX
C	5.72 [.225]	+ 0.10 [.004]
C ₁	6.35 [.250]	MAX
D	4.06 [.160]	+ 0.05 [.002]
E	1.27 [.050]	+ 0.13 [.005]
E ₁	2.03 [.080]	+ 0.13 [.005]

WIRE DIMENSIONS:

T ₁	3.30 [.130]	+ 0.38 [.015]
T ₂	0.64 [.025]	TYP.
T ₃	0.38 [.015]	TYP.

CM3032V121R-10

UNCONTROLLED DOCUMENT

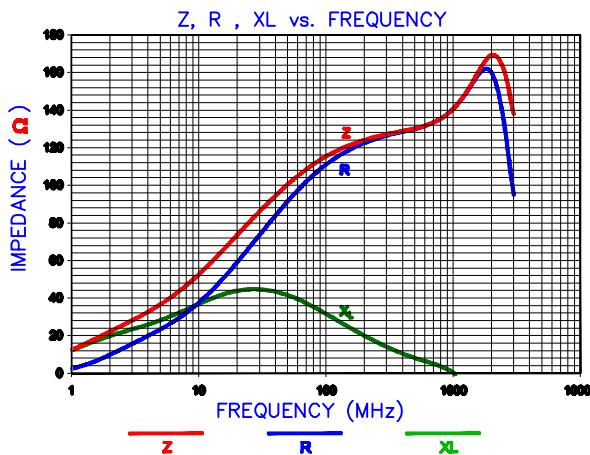
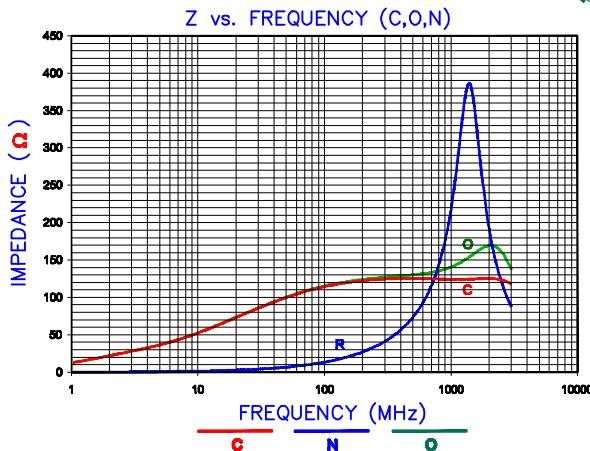


ELECTRICAL CHARACTERISTICS:

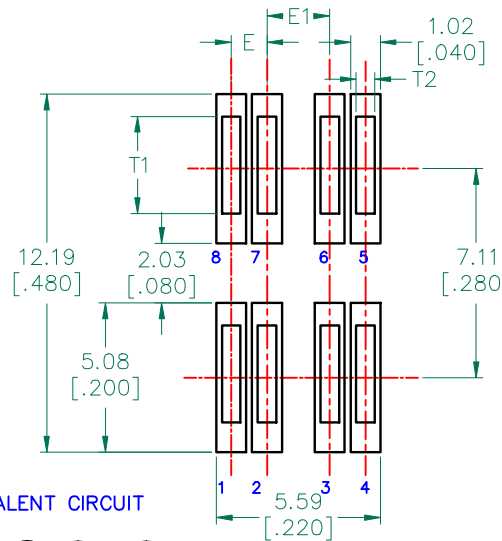
Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	120		
Minimum	90		
Maximum	150	0.01	8,000 mA
			30

NOTES: UNLESS OTHERWISE SPECIFIED

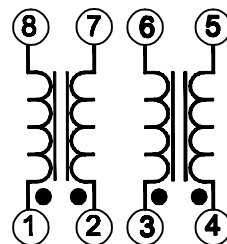
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 400 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART3032-13.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.



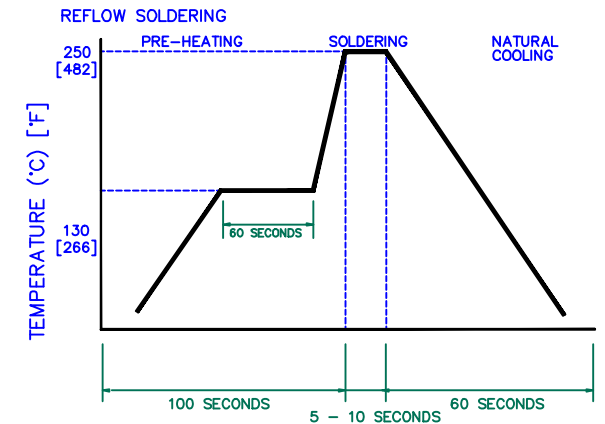
LAND PATTERNS FOR REFLOW SOLDERING



EQUIVALENT CIRCUIT



RECOMMENDED SOLDERING CONDITIONS



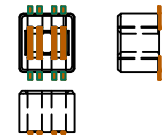
DIMENSIONS ARE IN mm (INCHES).

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D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
C	UPDATE LOGO, KAPTON LABEL ADD EC	11/06/08	JRK	CM3032V121R-10	D	CO-FIRE	JRK
B	UPDATE COMPANY LOGO	11/21/07	JRK	DATE:	SCALE:	NTS	SHEET:
A	ORIGINAL DRAFT	06/16/04	JRK	06/16/04			
REV	DESCRIPTION	DATE	INT	CAD #	TOOL #	-	2 of 3
				CM3032V121R-10-D-2			

SCALE DRAWING



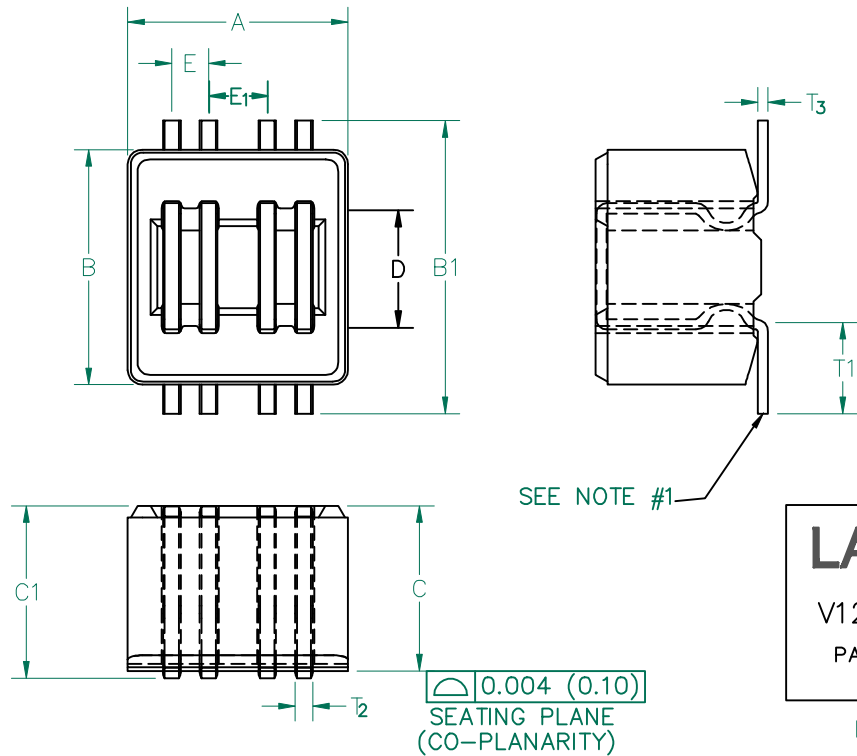
CM3032V121R-10

UNCONTROLLED DOCUMENT



ELECTRICAL TESTING

	<u>GROSS</u>	<u>GROSS</u>
TEST:	Z	Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	68 Ω	120 Ω
MINIMUM	51 Ω	90 Ω
MAXIMUM	- Ω	150 Ω
WEIGHT/1000	1.44 kgs.	3.17 lbs.



LAIRD
V121R-10
PATENTED

LABEL

DIMENSIONS:

A	7.62 [.300]	± 0.13 [.005]
B	8.13 [.320]	± 0.13 [.005]
B1	10.92 [.430]	MAX
C	5.72 [.225]	± 0.10 [.004]
C1	6.35 [.250]	MAX
D	4.06 [.160]	± 0.05 [.002]
E	1.27 [.050]	± 0.13 [.005]
E1	2.03 [.080]	± 0.13 [.005]

WIRE DIMENSIONS:

T1	3.30 [.130]	± 0.38 [.015]
T2	0.64 [.025]	TYP.
T3	0.38 [.015]	TYP.

NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0032-11
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0032-11 WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
3. REFERENCE STEWARD CORE P/N 24H0300-100.
4. PROTECTED BY U.S. PATENT NO. 5,455,552.
5. TERMINATION FINISH IS 100% TIN.
6. THIS PART HAS NO PIN POLARITY.

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D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
C	UPDATE COMPANY LOGO AND KAPTON LABEL ADD EQUIV. CIRCUIT	11/05/08	JRK	CM3032V121R-10	D	CO-FIRE	JRK
B	UPDATE COMPANY LOGO	11/21/07	JRK	DATE:	SCALE:	NTS	SHEET:
A	ORIGINAL DRAFT	06/16/04	JRK	06/16/04			
REV	DESCRIPTION	DATE	INT	CAD #	TOOL #		
				CM3032V121R-10-D-3	H0300-100		3 of 3