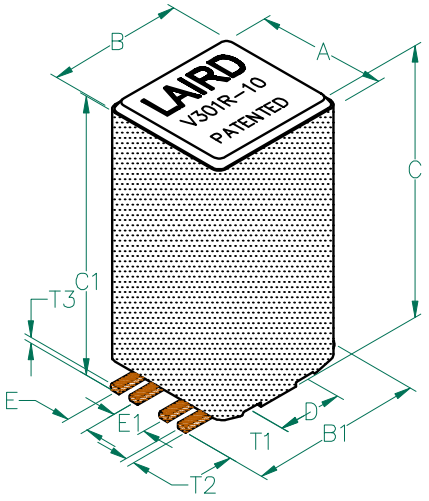
CM3032V301R-10

PHYSICAL DIMENSIONS:

A	7.62 [.300]	± 0.13 [.005]
B	8.13 [.320]	± 0.13 [.005]
B_1	10.92 [.430]	MAX
C	14.48 [.570]	± 0.25 [.010]
C_1	15.11 [.595]	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.



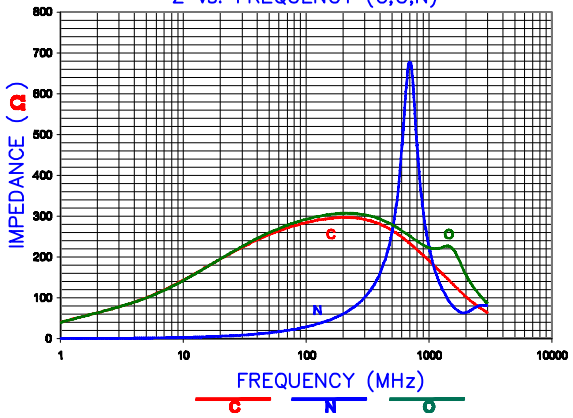
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)		DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	300			
Minimum	225			
Maximum	375	0.01	8,000 mA	30

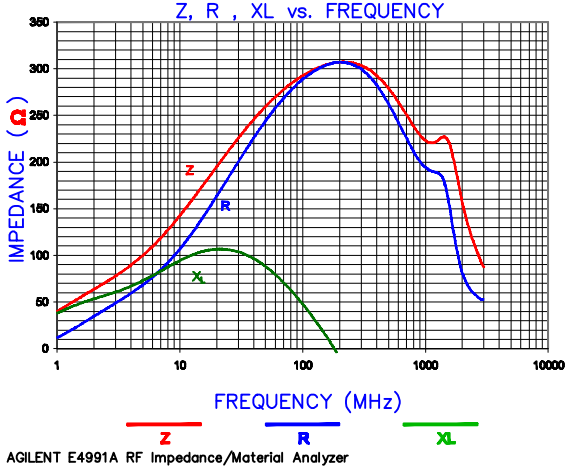
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 100 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART3032-33.
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)



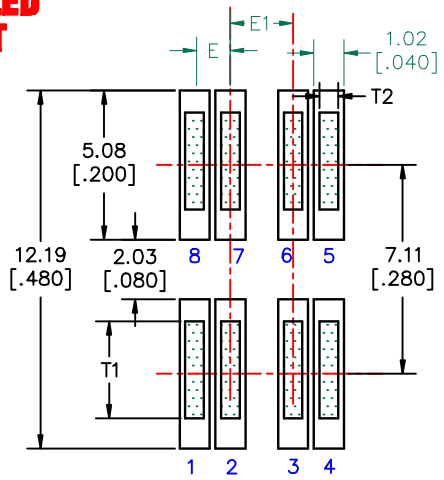
Z, R , XL vs. FREQUENCY



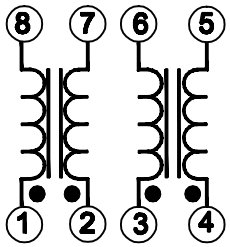
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3007

UNCONTROLLED DOCUMENT

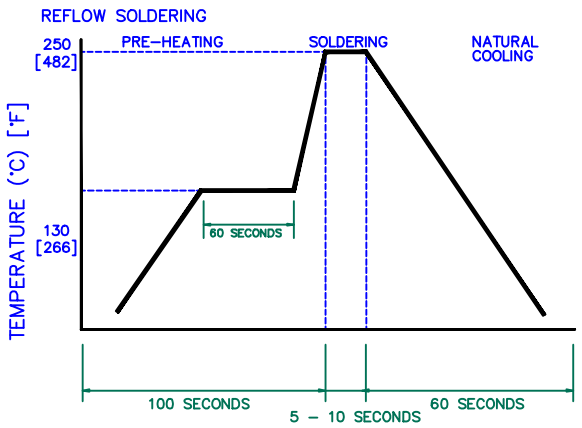
LAND PATTERNS FOR



EQUIVALENT CIRCUIT



RECOMMENDED SOLDERING CONDITIONS



REV	DESCRIPTION	DATE	INT
D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU
C	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/12/08	JRK
B	UPDATE COMPANY LOGO	11/21/07	JRK
A	ORIGINAL DRAFT	5/28/04	JRK

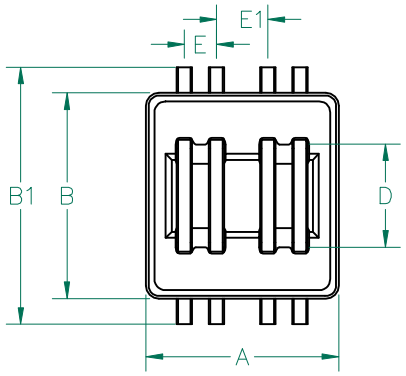
DIMENSIONS ARE IN mm (INCHES).

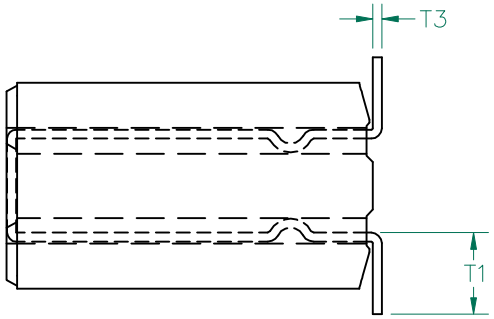
Laird TECHNOLOGIES

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM3032V301R-10	D	CO-FIRE	JRK

DATE: 05/28/04 | SCALE: NTS | SHEET: 2 of 3

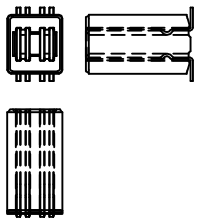
CAD # CM3032V301R-10-D-2 | TOOL # -



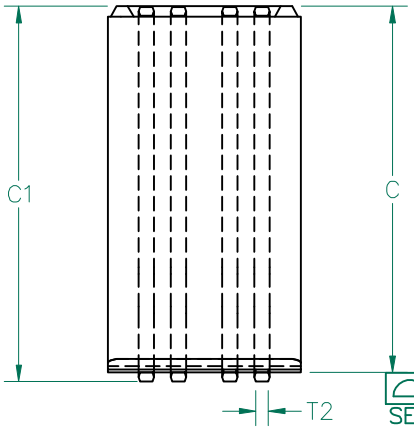


RoHS 2002/95/EC

SCALE DRAWING



CM3032V301R-10



0.004 (0.10)
SEATING PLANE
(CO-PLANARITY)

LAIRD
V301R-10
PATENTED

LABEL

Pb

ELECTRICAL TESTING

TEST:	GROSS Z	GROSS Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	169 Ω	300 Ω
MINIMUM	– Ω	225 Ω
MAXIMUM	– Ω	375 Ω
WEIGHT/1000	3.80 kgs.	8.37 lbs.

DIMENSIONS:

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B	8.13 [.320]	±	0.13 [.005]
B_1	10.92 [.430]		MAX
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T_2	0.64 [.025]		TYP.
T_3	0.38 [.015]		TYP.

UNCONTROLLED DOCUMENT

NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0032-31.
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0032-31 WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
4. REFERENCE STEWARD CORE P/N 24H0300-300.
5. PROTECTED BY U.S. PATENT NO. 5,455,552.
6. TERMINATION FINISH IS 100% TIN.
7. 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 & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/12/08	JRK
B	UPDATE COMPANY LOGO	11/21/07	JRK
A	ORIGINAL DRAFT	5/28/04	JRK

Laird TECHNOLOGIES

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM3032V301R-10	D	CO-FIRE	JRK

DATE:	SCALE:	SHEET:
05/28/04	NTS	3 of 3

CAD # CM3032V301R-10-D-3

TOOL # H0300-300