CM6032V201R-10

UNCONTROLLED DOCUMENT

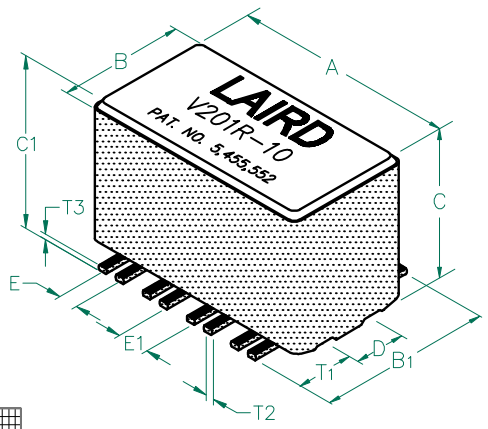
RoHS 2002/95/EC

PHYSICAL DIMENSIONS:

A	15.24 [.600]	± 0.23 [.009]	
B	8.13 [.320]	± 0.13 [.005]	
B_1	10.92 [.430]	MAX	
C	9.45 [.372]	± 0.15 [.006]	
C_1	10.08 [.397]	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:

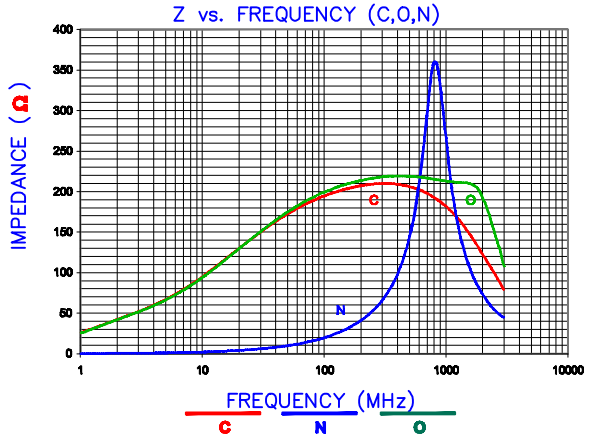
	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	200			
Minimum	150			
Maximum	250	0.01	8,000 mA	30

NOTES: UNLESS OTHERWISE SPECIFIED

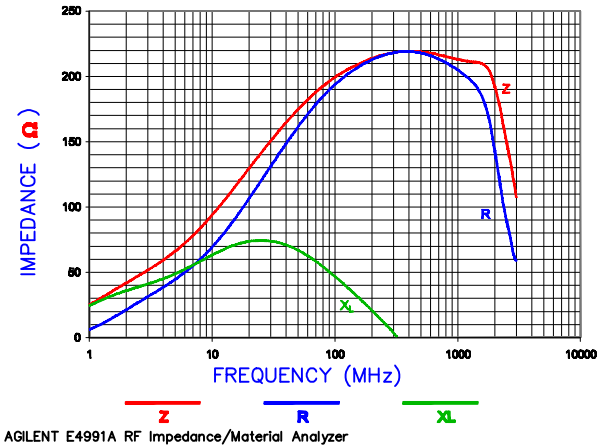
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 250 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART6032-23.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

Pb

Z vs. FREQUENCY (C,O,N)

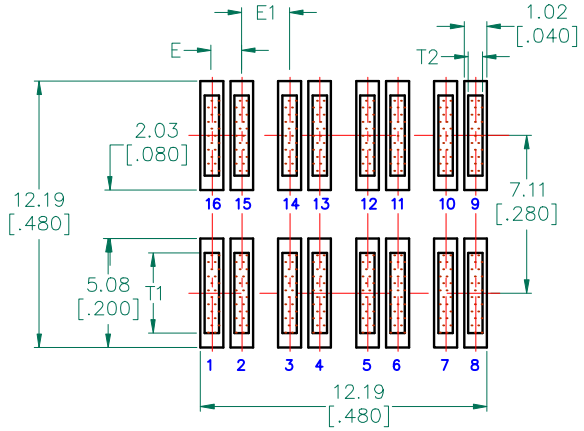


Z, R , XL vs. FREQUENCY

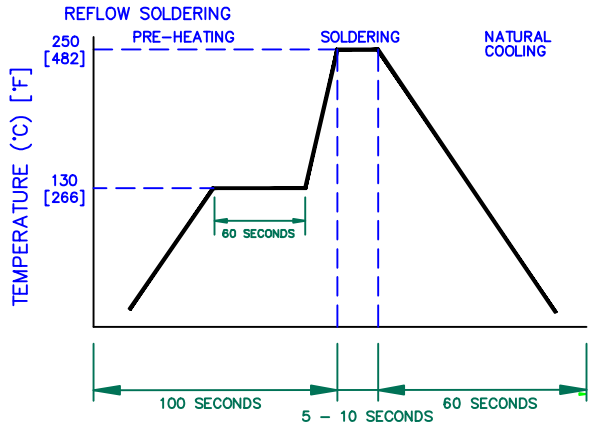


AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 3007

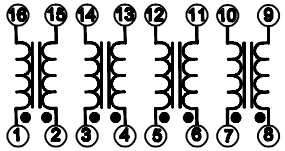
LAND PATTERNS FOR REFLOW SOLDERING



RECOMMENDED SOLDERING CONDITIONS



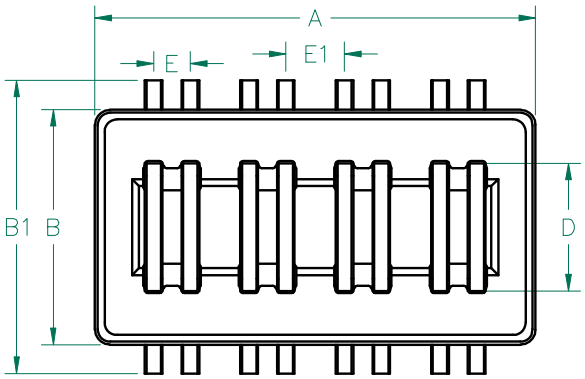
EQUIVALENT CIRCUIT
NO POLARITY

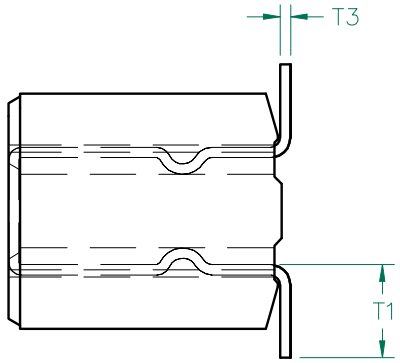


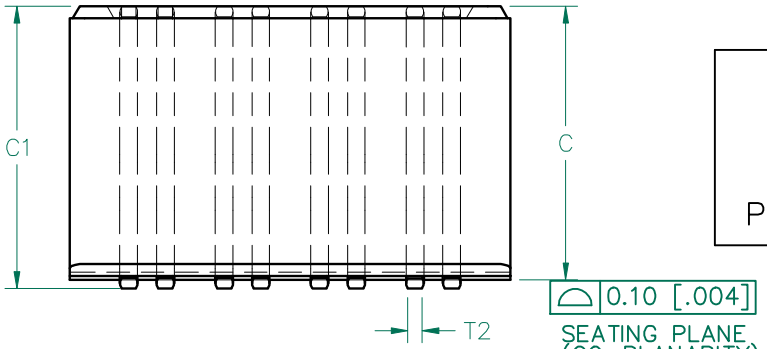
REV	DESCRIPTION	DATE	
	DIMENSIONS ARE IN mm [INCHES]		
E	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU
D	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/12/08	JRK
C	UPDATE COMPANY LOGO	01/08/08	JRK
B	CORRECT REV BLOCK mm [INCHES]	10/20/06	JRK
A	ORIGINAL DRAFT	06/11/04	JRK

Laird TECHNOLOGIES

PROJECT/PART NUMBER: CM6032V201R-10	REV: E	DRAWN BY: JRK	
DATE: 06/11/04	SCALE: NTS	SHEET: 2 of 3	
CAD #: CM6032V201R-10-E-2	TOOL #: H0600-200		

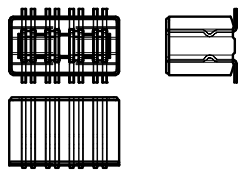






UNCONTROLLED DOCUMENT

SCALE DRAWING



CM6032V201R-10

LAIRD

V201R-10

PAT. NO. 5,455,552

LABEL

ELECTRICAL TESTING

TEST:	GROSS Z	GROSS Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	113 Ω	200 Ω
MINIMUM	– Ω	150 Ω
MAXIMUM	– Ω	250 Ω
WEIGHT/1000	4.90 kgs.	10.8 lbs.

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RoHS 2002/95/EC

NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0032-21.
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0032-21 WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
3. REFERENCE STEWARD CORE P/N 24H0600-200.
4. PROTECTED BY U.S. PATENT NO. 5,455,552.
5. TERMINATION FINISH IS 100% TIN.
6. THIS PART HAS NO PIN POLARITY.

DIMENSIONS ARE IN mm [INCHES]

REV	DESCRIPTION	DATE	
E	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU
D	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/12/08	JRK
C	UPDATE COMPANY LOGO	01/08/08	JRK
B	CORRECT REV BLOCK mm [INCHES]	10/20/06	JRK
A	ORIGINAL DRAFT	06/11/04	JRK

Laird TECHNOLOGIES

PROJECT/PART NUMBER: CM6032V201R-10		REV: E	DRAWN BY: JRK
DATE: 06/11/04	SCALE: NTS		SHEET: 3 of 3
CAD #: CM6032V201R-10-E-3	TOOL #: H0600-200		