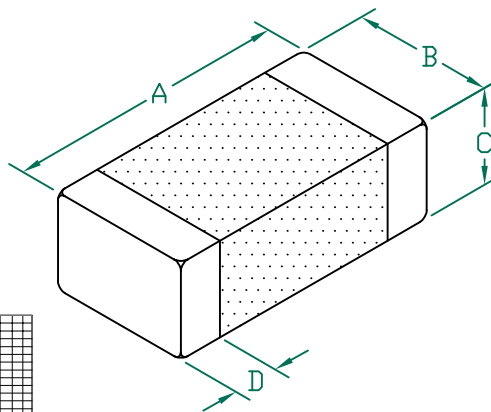


# LF1206E152R-10

**UNCONTROLLED DOCUMENT**

## PHYSICAL DIMENSIONS:

A	3.20 [.126]	+0.20 [.008]
B	1.60 [.063]	+0.20 [.008]
C	1.10 [.043]	+0.20 [.008]
D	0.51 [.020]	+0.25 [.010]

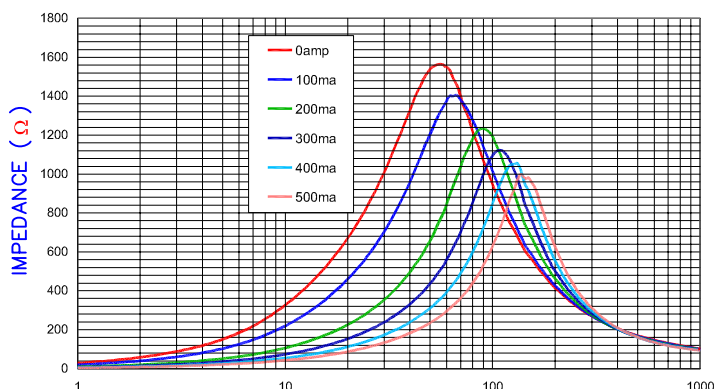


## ELECTRICAL CHARACTERISTICS:

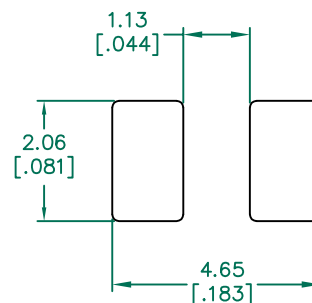
Z @ 50MHz ( $\Omega$ )	DCR ( $\Omega$ )	Rated Current
Nominal	1500	
Minimum	1125	
Maximum	1875	0.300 500 mA

- NOTES: UNLESS OTHERWISE SPECIFIED
- TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL, EMBOSSED PLASTIC TAPE.
  - COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
  - TERMINATION FINISH IS 100% TIN.
  - OPERATING TEMPERATURE:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ . (INCLUDING SELF-HEATING)

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS

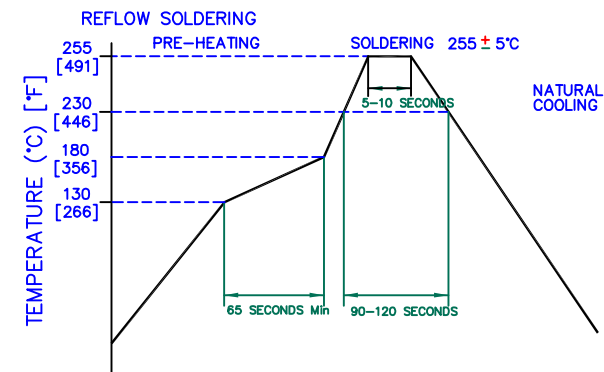


## LAND PATTERNS FOR REFLOW SOLDERING

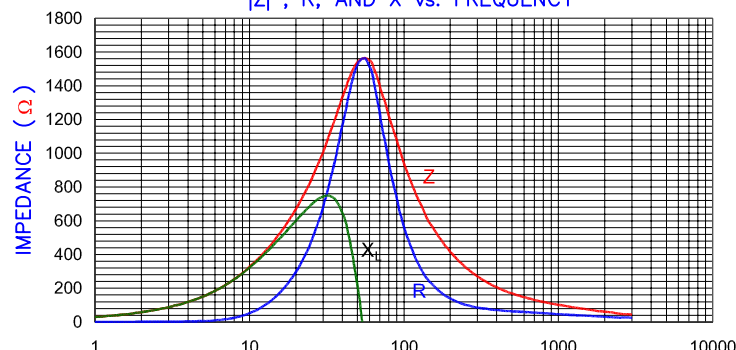


(For wave soldering, add 0.762 [0.030] to this dimension)

## RECOMMENDED SOLDERING CONDITIONS



FREQUENCY  
|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)



AGILENT E4991A RF Impedance/Material Analyzer  
HP 16194A Test Fixture REF. 4405

DIMENSIONS ARE IN mm [INCHES].			This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.		
D	UPDATE LAIRD LOGO AND NOTES 4	08/05/13	QU		
C	ADD OPERATING TEMPERATURE UPDATE Z IMPEDANCE AT 50MHz AND REFLOW	02/19/13	QU		
B	UPDATE COMPANY LOGO & ROHS SYMBOL	07/08/08	JRK		
A	ORIGINAL DRAFT	09/13/06	JRK		
REV	DESCRIPTION	DATE	INT		
			PROJECT/PART NUMBER: LF1206E152R-10		
			DATE: 09/13/06	SCALE: NTS	SHEET: 2 of 2
			CAD # LF1206E152R-10-D	TOOL # -	



REV: D PART TYPE: CO-FIRE DRAWN BY: JRK