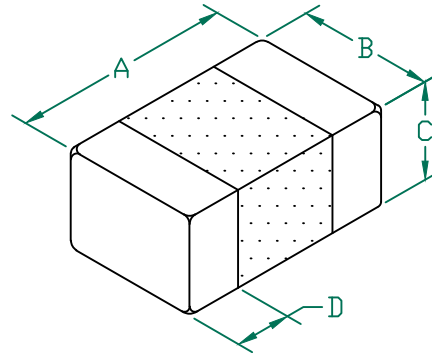


# HI0805P121R-10

## PHYSICAL DIMENSIONS:

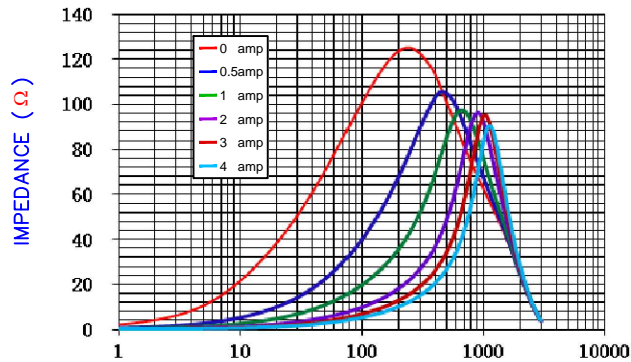
A	2.00 [.079]	+ 0.20 [.008]
B	1.25 [.049]	+ 0.20 [.008]
C	0.90 [.035]	+ 0.20 [.008]
D	0.51 [.020]	+ 0.25 [.010]



## ELECTRICAL CHARACTERISTICS:

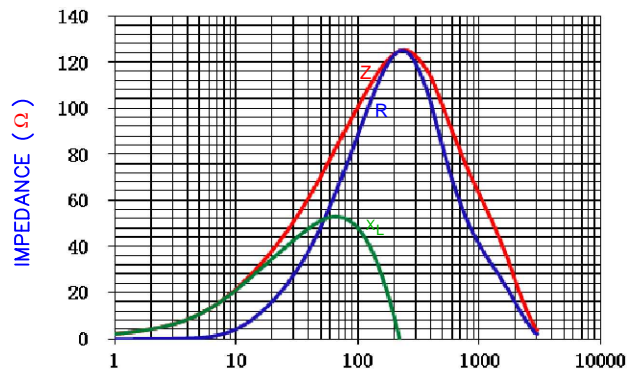
	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	120		
Minimum	90		
Maximum	150	0.02	4000 mA

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



FREQUENCY (MHz)

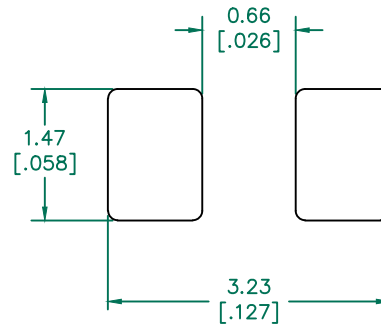
|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)

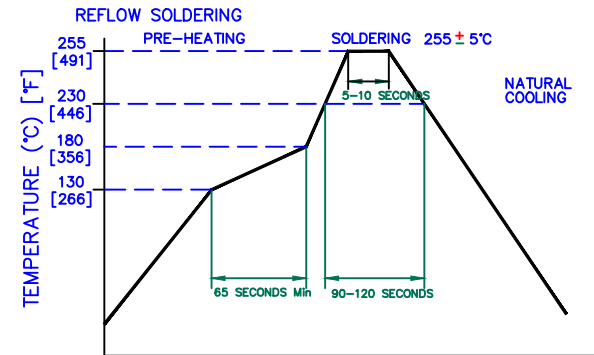
Z R X<sub>L</sub>

## LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.763 [0.030] to this dimension.)

## RECOMMENDED SOLDERING CONDITIONS



RoHS

AGILENT E4991A RF Impedance/Material Analyzer  
AGILENT 16194A.

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.			
PROJECT/PART NUMBER:				REV	PART TYPE:	DRAWN BY:	
HI0805P121R-10				B	CO-FIRE	QU	
B	CHANGE OPERATEING TEMP	10/13/17	QU	DATE:	10/25/13	SCALE:	NTS
A	ORIGINAL DRAFT	10/25/13	QU	CAD #		TOOL #	
REV	DESCRIPTION	DATE	INT	HI0805P121R-10-B		SHEET: 1 of 1	