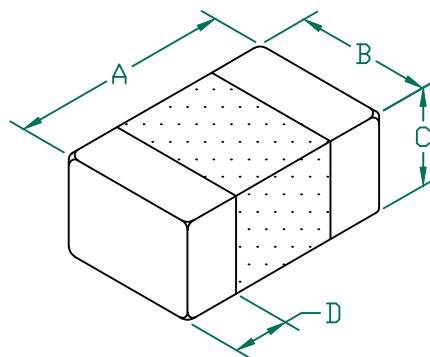


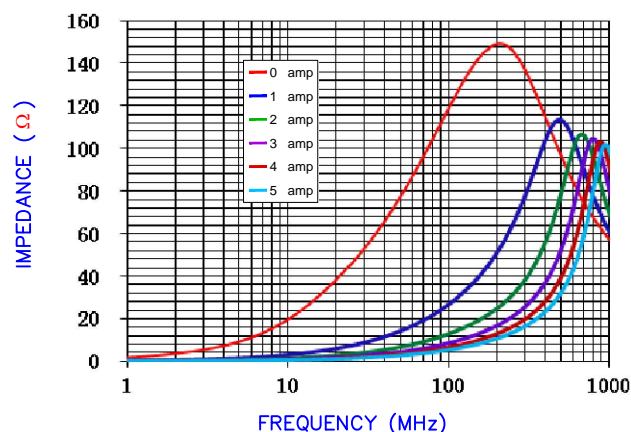
# HI0805R121R-10

## PHYSICAL DIMENSIONS:

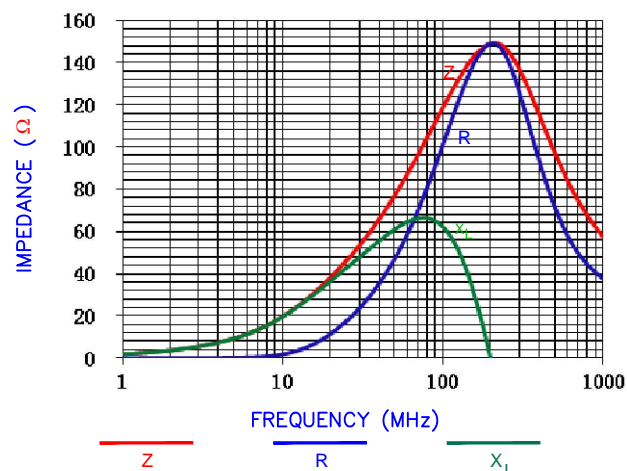
A	2.00 [.079]	+ 0.20 [.008]
B	1.25 [.049]	+ 0.20 [.008]
C	0.90 [.035]	+ 0.20 [.008]
D	0.51 [.020]	+ 0.25 [.010]



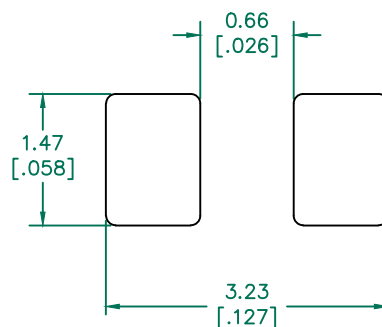
Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



|Z|, R, AND X vs. FREQUENCY

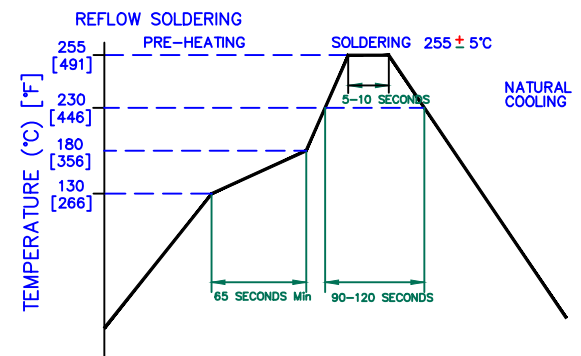


## LAND PATTERNS FOR REFLOW SOLDERING

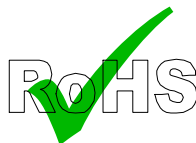


(For wave soldering, add 0.763 [.030] to this dimension.)

## RECOMMENDED SOLDERING CONDITIONS



AGILENT E4991A RF Impedance/Material Analyzer  
AGILENT 16194A.




## ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	120		
Minimum	90		
Maximum	150	0.03	5000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPER.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATEING TEMP. RANGE: -40°C~+125°C (INCLUDING SELF-HEATING)

DIMENSIONS ARE IN mm [INCHES].				<div>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.</div> <div></div>					
PROJECT/PART NUMBER:				REV		PART TYPE:		DRAWN BY:	
HI0805R121R-10				A		CO-FIRE		QU	
DATE:				5/30/13		SCALE:		NTS	
A				ORIGINAL DRAFT		5/30/13		QU	
REV				DESCRIPTION		DATE:		INT	
A				HI0805R121R-10-A		TOOL #		1 of 1	

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