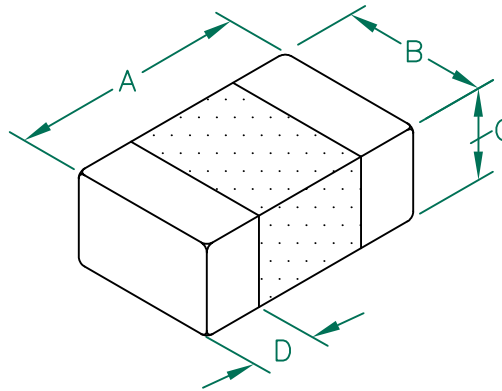


# LI0805H121R-10

**UNCONTROLLED DOCUMENT**

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 ]



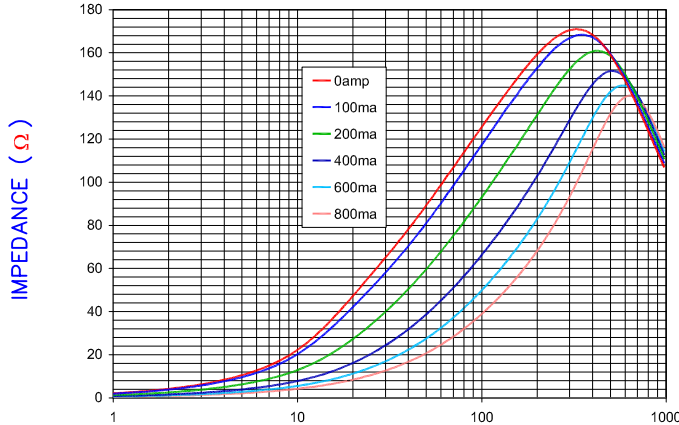
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	120	
Minimum	90	
Maximum	150	800 mA

NOTES: UNLESS OTHERWISE SPECIFIED

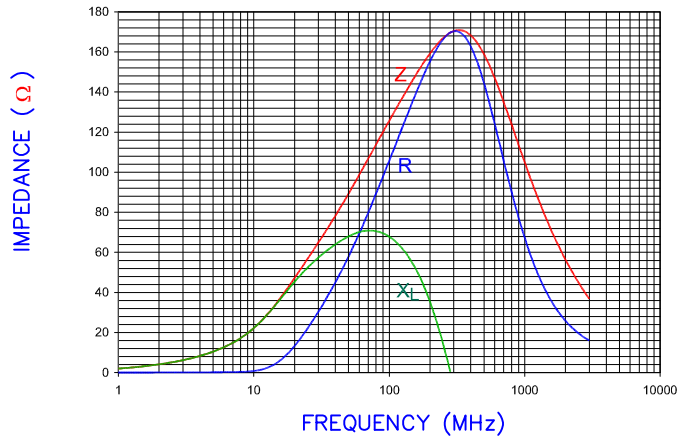
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



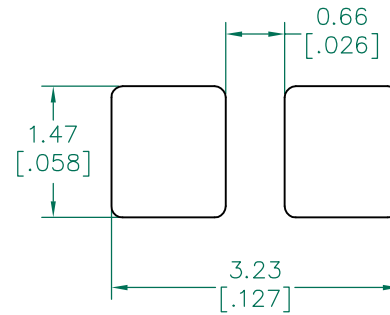
FREQUENCY (MHz)

|Z|, R, AND X vs. FREQUENCY



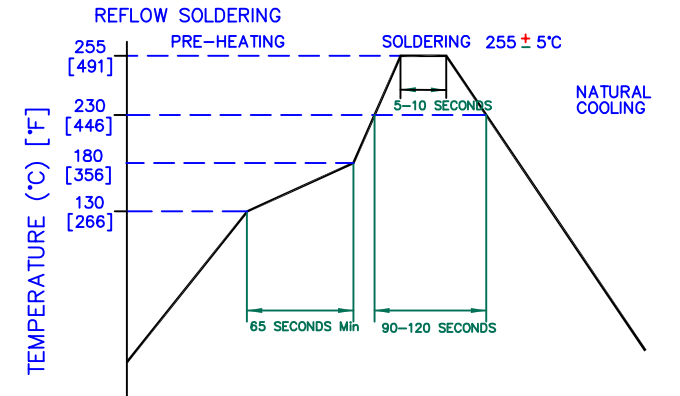
FREQUENCY (MHz)

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



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.			
E	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER: <b>LI0805H121R-10</b>	REV	PART TYPE:	DRAWN BY:
D	CHANGE TO PAPER TAPE	03/04/10	JUN		E	CO-FIRE	JRK
C	UPDATE COMPANY LOGO ADD ROHS SYM	07/21/08	JRK		SCALE:	NTS	SHEET:
B	ADD DC BIAS CURVE UPDATE ZRX CURVE	04/07/03	JRK		DATE:	10/30/02	2 of 2
A	ORIGINAL DRAFT	10/30/02	JRK		CAD #	LI0805H121R-10-E	TOOL #
REV	DESCRIPTION	DATE	INT				

