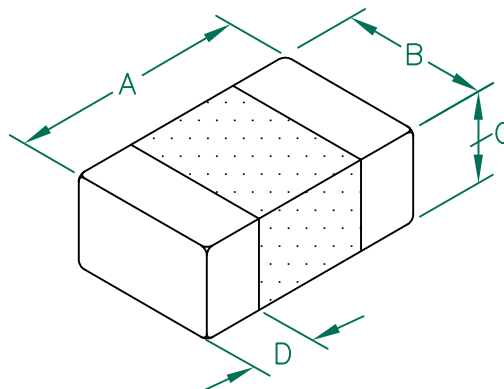


LI0805H121R-10

**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]



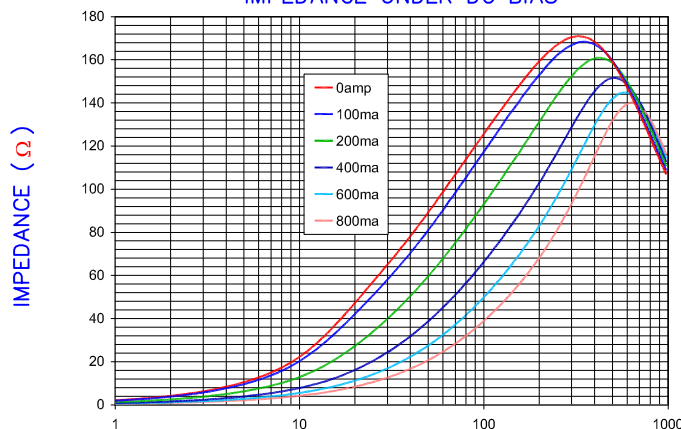
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	120	
Minimum	90	
Maximum	150	0.15
		800 mA

NOTES: UNLESS OTHERWISE SPECIFIED

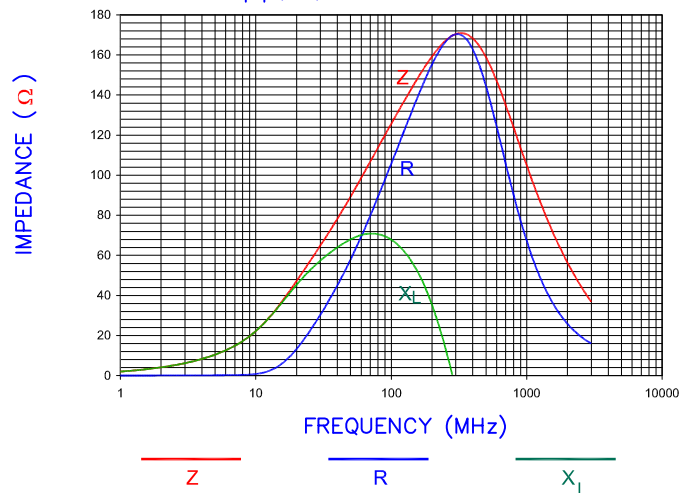
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$. (INCLUDING SELF-HEATING)

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



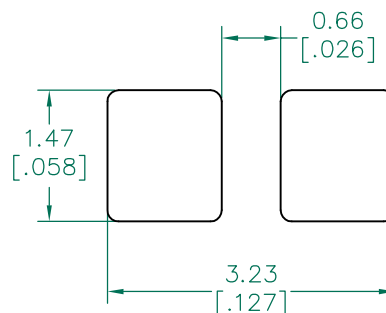
FREQUENCY (MHz)

|Z|, R, AND X vs. FREQUENCY



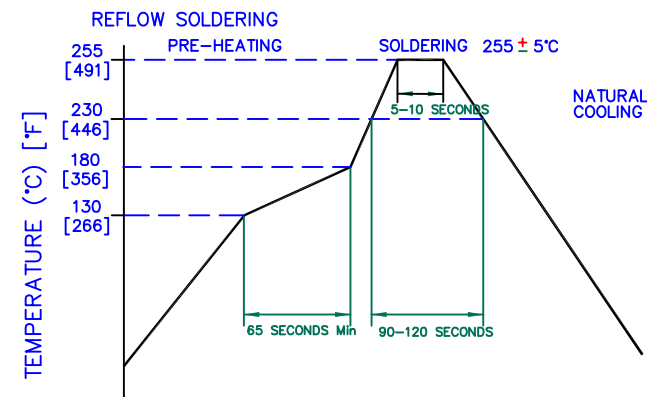
FREQUENCY (MHz)

LAND PATTERNS FOR REFLOW SOLDERING



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

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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