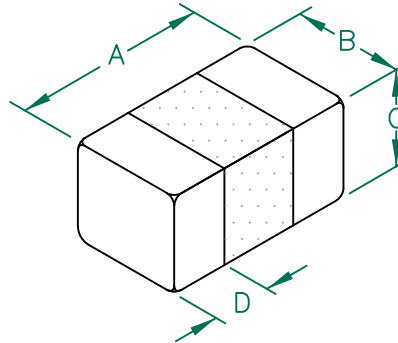


LI0402B800R-10

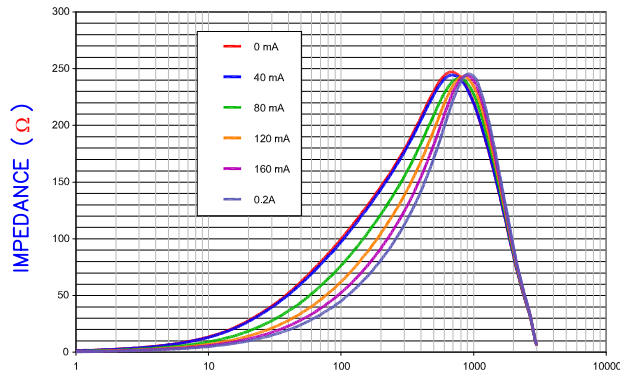
**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

A	1.01 [.040]	+	0.18 [.007]
B	0.50 [.020]	+	0.20 [.008]
C	0.50 [.020]	+	0.20 [.008]
D	0.30 [.012]	+	MAX.

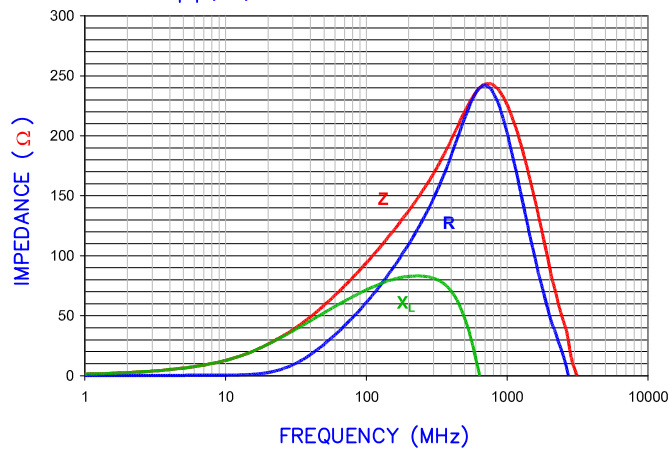


Z vs. FREQUENCY
IMPEDANCE UNDER DC BIAS



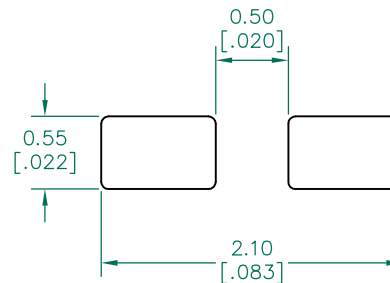
FREQUENCY (MHz)

|Z|, R, AND XL vs. FREQUENCY



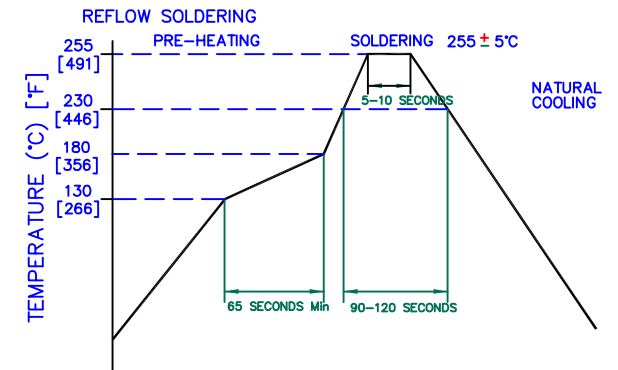
— Z — R — XL

LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762 [.030] to this dimension.)

RECOMMENDED SOLDERING CONDITIONS



NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 10,000 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)

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	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	<div>PROJECT/PART NUMBER: LI0402B800R-10</div> <div>DATE: 05/10/06</div> <div>CAD # LI0402B800R-10-D</div>			
C	CORRECT Z SPECS	09/11/08	JRK				
B	UPDATE COMPANY LOGO	07/08/08	JRK				
A	ORIGINAL DRAFT	05/10/06	JRK				
REV	DESCRIPTION	DATE	INT				
				REV	D	PART TYPE: CO-FIRE	DRAWN BY: JRK
				SCALE:	NTS	SHEET: 2 of 2	