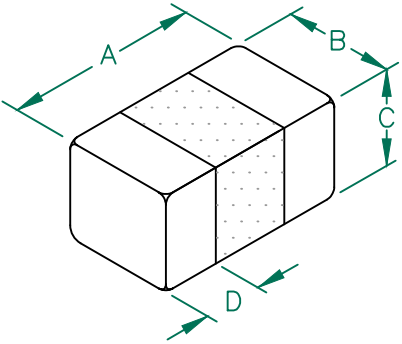


# LI0402E800R-10

## 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.



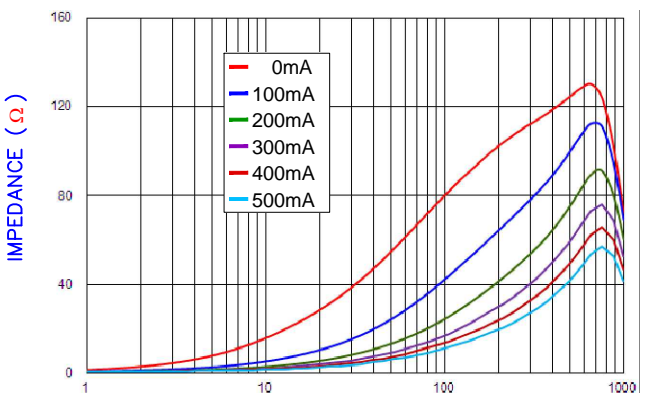
## ELECTRICAL CHARACTERISTICS:

Z @ 100MHz ( $\Omega$ )	DCR ( $\Omega$ )	Rated Current
Nominal	80	
Minimum	60	
Maximum	100	0.17
		500 mA

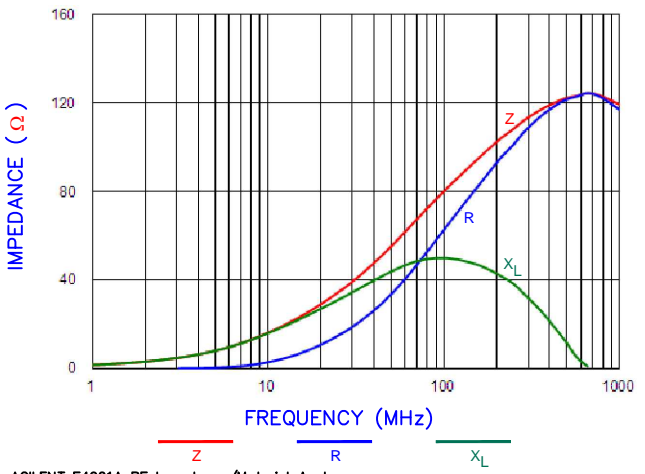
NOTES: UNLESS OTHERWISE SPECIFIED

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)
5. COSMETIC SPECIFICATION REFER TO WI-QA-124.

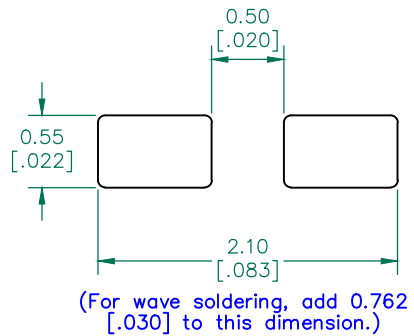
Z vs. FREQUENCY  
IMPEDANCE UNDER DC BIAS



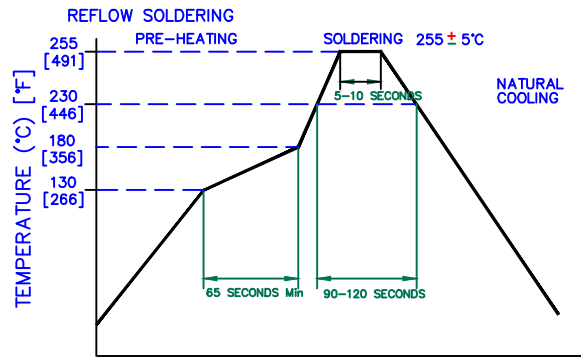
[Z], R, AND XL vs. FREQUENCY



## LAND PATTERNS FOR REFLOW SOLDERING



## RECOMMENDED SOLDERING CONDITIONS



AGILENT E4991A RF Impedance/Material Analyzer  
AGILENT 16194A Test Fixture.

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: <b>LI0402E800R-10</b>			
				DATE: 05/16/13			
				SCALE: NTS			
				SHEET: 1 of 1			
				TOOL # -			
				CAD # LI0402E800R-10-A			
				DATE INT			
				DESCRIPTION			
				REV			



REV **A** PART TYPE: **CO-FIRE** DRAWN BY: **QU**

# Mouser Electronics

Authorized Distributor

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