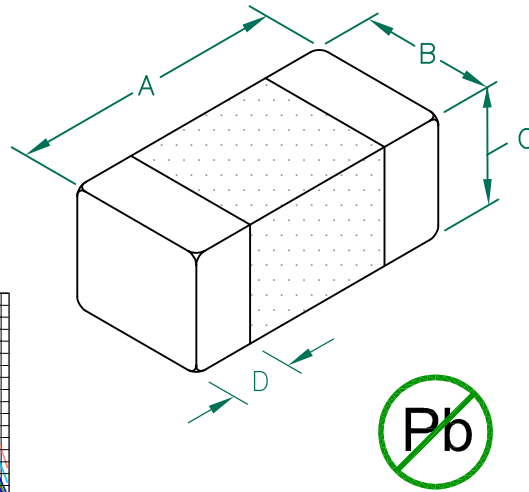


# LI0603G221R-10

**UNCONTROLLED DOCUMENT**

**PHYSICAL DIMENSIONS:**

A	1.60 [.063]	+ 0.15	-.006	[.006]
B	0.80 [.031]	+ 0.15	-.006	[.006]
C	0.80 [.031]	+ 0.15	-.006	[.006]
D	0.36 [.014]	+ 0.15	-.006	[.006]



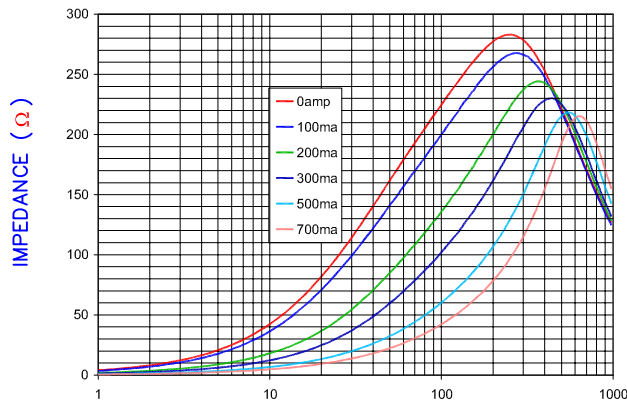
**ELECTRICAL CHARACTERISTICS:**

	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	220		
Minimum	165		
Maximum	275	0.300	700 mA

**NOTES: UNLESS OTHERWISE SPECIFIED**

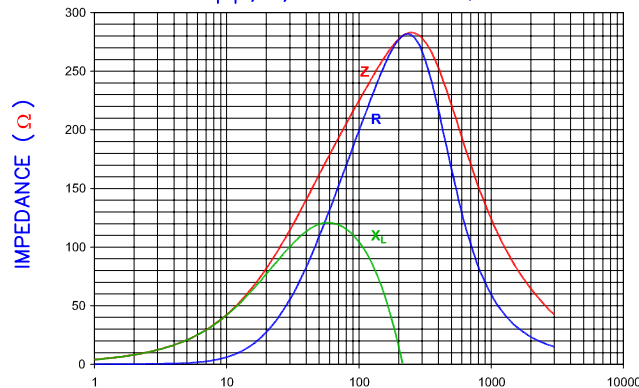
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

**Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS**



**FREQUENCY (MHz)**

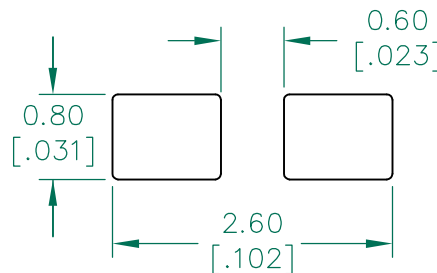
**|Z| , R, AND X<sub>L</sub> vs. FREQUENCY**



**FREQUENCY (MHz)**

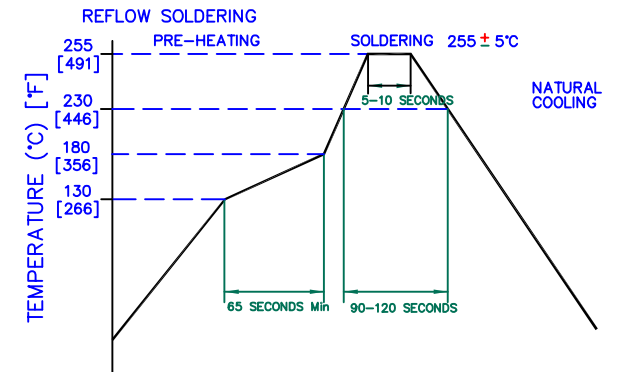
Z R X<sub>L</sub>

**LAND PATTERNS FOR REFLOW SOLDERING**



(For wave soldering, add 0.762 [.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.				
				<b>Laird</b>				
				PROJECT/PART NUMBER:		REV	PART TYPE:	DRAWN BY:
C				LI0603G221R-10		C	CO-FIRE	TMB
B				08/05/13		DATE: 04/05/04		SCALE: -
A				04/05/04		DATE: 04/05/04		SHEET: 2 of 2
REV				DESCRIPTION		DATE		INT