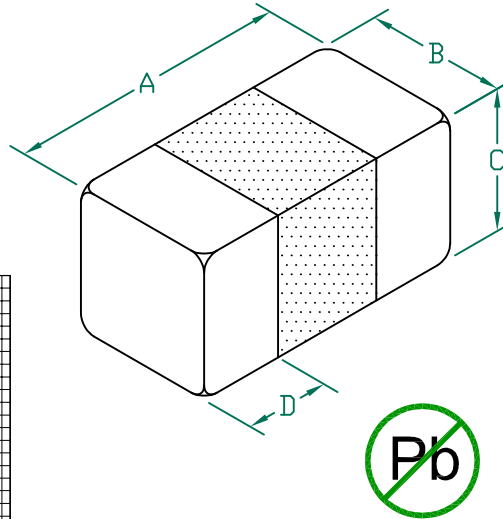


# HZ0402A601R-10

**UNCONTROLLED DOCUMENT**

**PHYSICAL DIMENSIONS:**

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



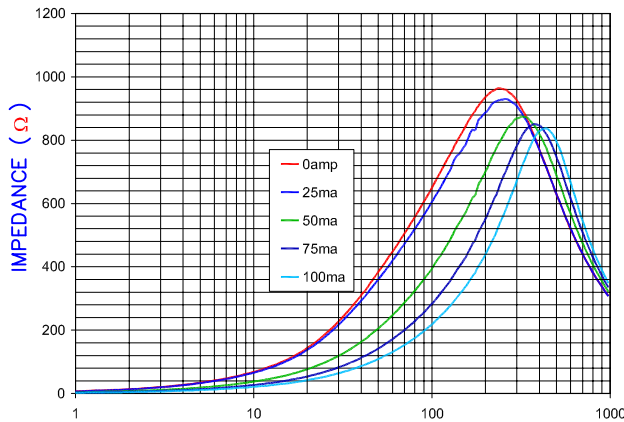
**ELECTRICAL CHARACTERISTICS:**

Z @ 100MHz ( $\Omega$ )	DCR ( $\Omega$ )	Rated Current
Nominal	600	
Minimum	450	
Maximum	750	100 mA

NOTES: UNLESS OTHERWISE SPECIFIED

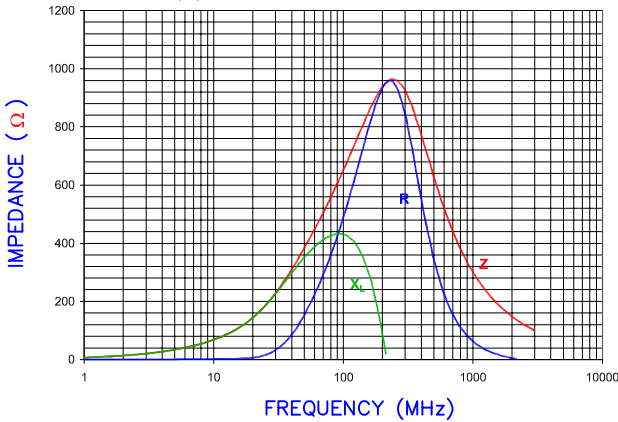
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 10,000 PCS/REEL, PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMPERATURE TEMP: -40°C~+125°C (INCLUDING SELF-HEATING)

**Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS**



**FREQUENCY (MHz)**

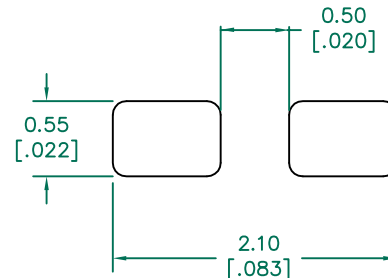
**|Z|, R, AND X vs. FREQUENCY**



**FREQUENCY (MHz)**

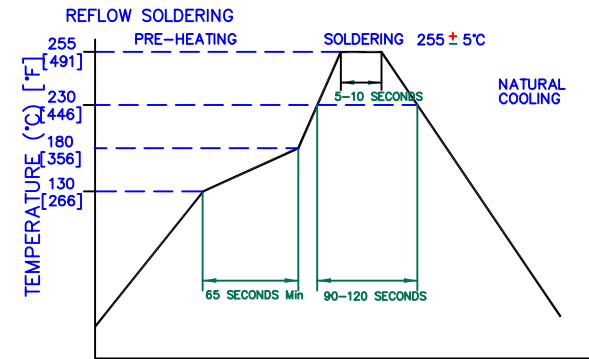
Z R X<sub>L</sub>

**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.				<b>Laird</b>		
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER: <b>HZ0402A601R-10</b>				REV: <b>D</b>	PART TYPE: <b>CO-FIRE</b>	DRAWN BY: <b>TMB</b>
C	UPDATE COMPANY LOGO	02/15/08	JRK	DATE: <b>04/03/04</b>				SCALE: <b>NTS</b>	SHEET: <b>2 of 2</b>	
B	CHANGE REEL QTY FROM 4000, ADD PAPER TAPE TO NOTE #1, ADD ROHS SYMBOL	11/13/07	JRK	CAD #						
A	ORIGINAL DRAFT	04/03/04	TMB	TOOL #						
REV	DESCRIPTION	DATE	INT	HZ0402A601R-10-D						