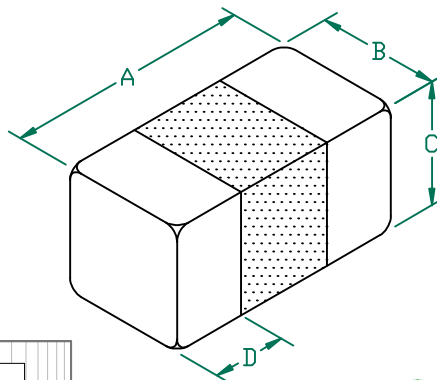


HZ0402B102R-10

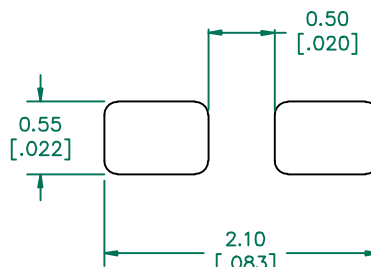
**UNCONTROLLED
DOCUMENT**

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.



LAND PATTERNS FOR REFLOW SOLDERING



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

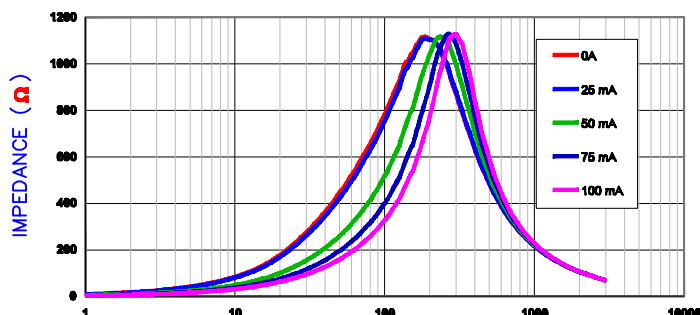
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	RATED CURRENT
Nominal	1000	
Minimum	750	
Maximum	1250	1.00 200mA

NOTES: UNLESS OTHERWISE SPECIFIED

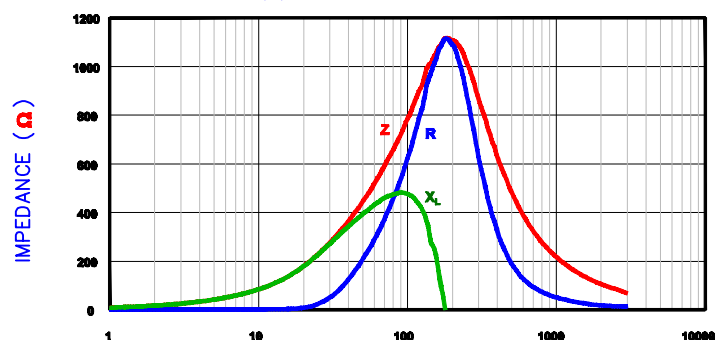
1. TAPED AND REELED PER CURRENT EIA SPECIFICATIONS, 7" REELS, 10K PIECES PER REEL, PAPER CARRIER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.

Z vs FREQUENCY
IMPEDANCE UNDER DC BIAS



FREQUENCY (MHz)

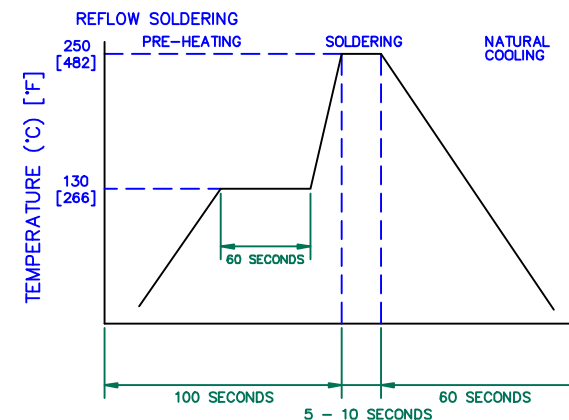
|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)

Z **R** **X_L**

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

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PROJECT/PART NUMBER:

HZ0402B102R-10

REV B PART TYPE: CO-FIRE DRAWN BY: JRK



B	UPDATE COMPANY LOGO	02/15/08	JRK	DATE:	03/21/06	SCALE:	NTS	SHEET:	2 of 2
A	ORIGINAL DRAFT	03/21/06	JRK	CAD #	HZ0402B102R-10-B	TOOL #	-		
REV	DESCRIPTION	DATE	INT						

Mouser Electronics

Authorized Distributor

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[HZ0402B102R-10](#)