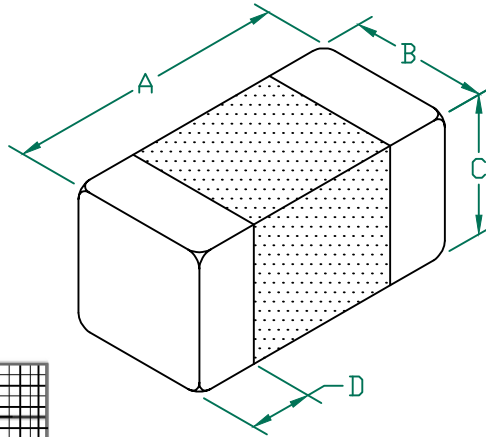


# HZ0603D102R-10

## 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]

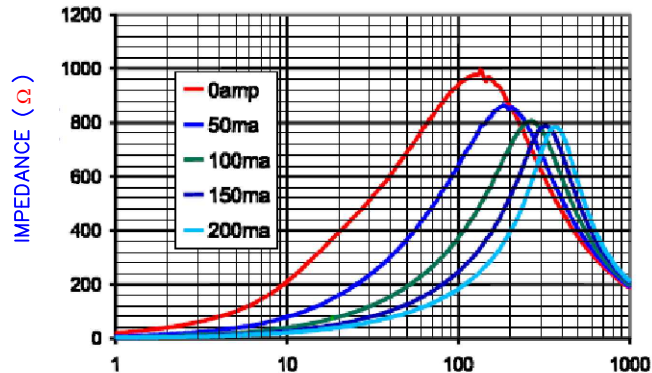


ELECTRICAL CHARACTERISTICS:			
Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	
Nominal	1000		
Minimum	750		
Maximum	1250	0.35	400 mA

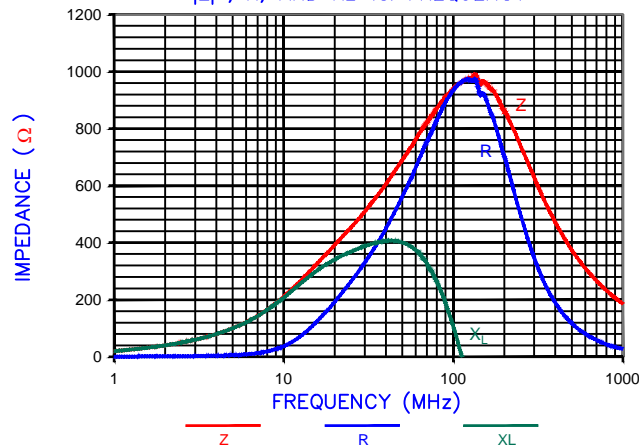
NOTES: UNLESS OTHERWISE SPECIFIED

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

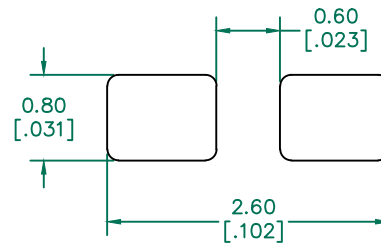
Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



FREQUENCY (MHz)  
|Z|, R, AND XL vs. FREQUENCY

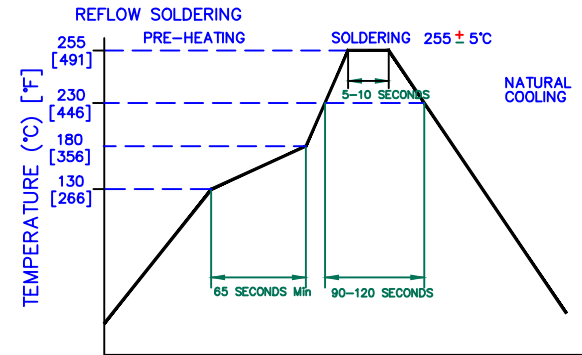


## LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762 [0.030] to this dimension)

## RECOMMENDED SOLDERING CONDITIONS



RoHS

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 NOTE	08/17/17	QU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
C	UPDATE LAIRD LOGO AND NOTES 4	08/05/13	QU	HZ0603D102R-10	D	CO-FIRE	WEI
B	UPDATE REFLOW ADD DC BIAS CURVE ADD OPERATING TEMPERATURE	11/21/12	QU	DATE:	SCALE:	SHEET:	
A	ORIGINAL DRAFT	03/01/11	WEI	11/21/12	-	-	
REV	DESCRIPTION	DATE	INT	CAD #	TOOL #		1 of 1
				HZ0603D102R-10-D			

