



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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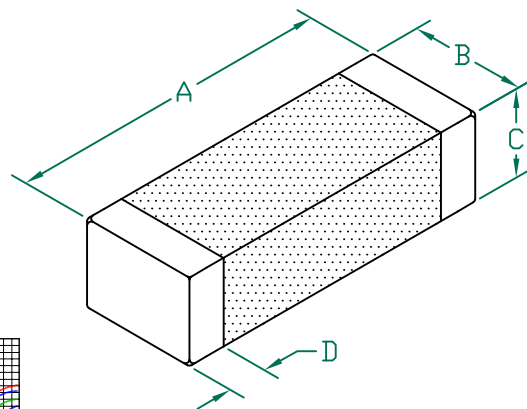


# HI3312X101R-10

**UNCONTROLLED DOCUMENT**

PHYSICAL DIMENSIONS:

A	8.50 [.335]	+ 0.20 [.008]
B	3.05 [.120]	+ 0.20 [.008]
C	2.28 [.090]	+ 0.20 [.008]
D	0.89 [.035]	+ 0.20 [.008]



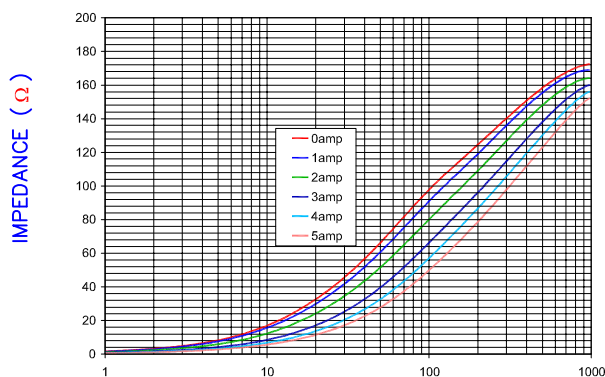
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	100	
Minimum	75	
Maximum	125	0.004
		10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS, 13" REELS, 2,500 PCS/REEL.
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

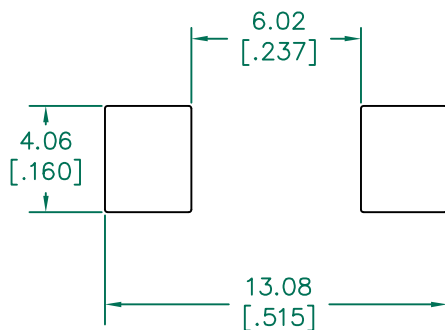
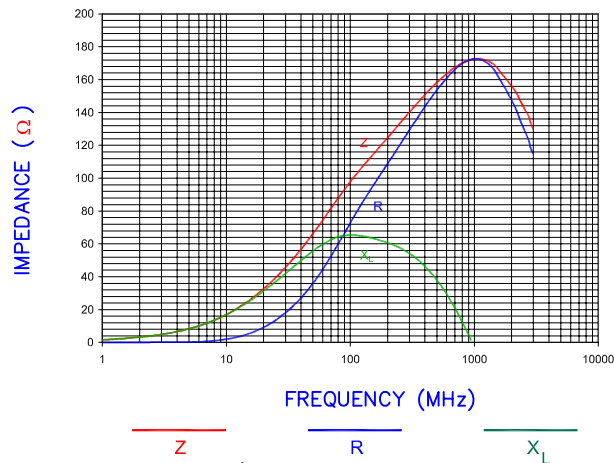


LAND PATTERNS FOR REFLOW SOLDERING

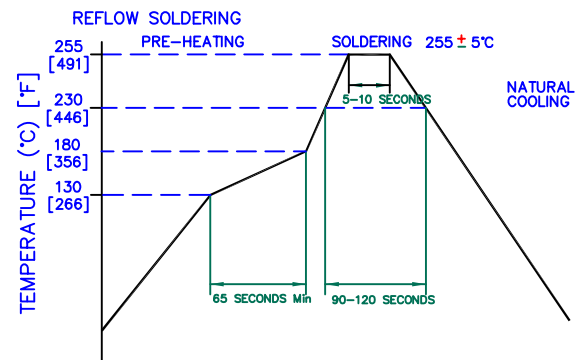
RECOMMENDED SOLDERING CONDITIONS

FREQUENCY (MHz)

|Z|, R, AND X vs. FREQUENCY



(For wave soldering, add 0.762 [.030] to this dimension.)



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.			
E	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU				
D	UPDATE COMPANY LOGO	02/11/08	JRK				
C	CHANGE TOLS ON D DIMENSION	08/29/06	JRK				
B	INCREASE "D" DIMENSION TO 0.35	03/20/06	JRK				
A	ORIGINAL DRAFT	09/19/05	JRK				
REV	DESCRIPTION	DATE	INT	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
				HI3312X101R-10	E	CO-FIRE	QU
				DATE: 08/05/13	SCALE: -		SHEET:
				CAD #	TOOL #		2 of 2
				HI3312X101R-10-E			