



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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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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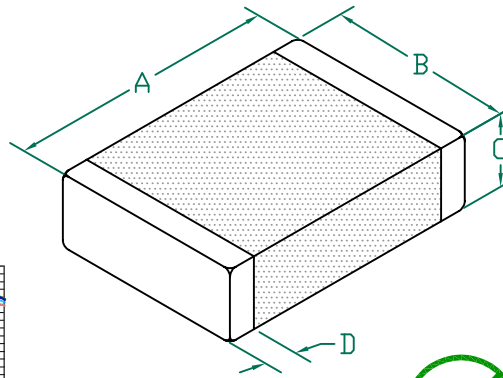


# LI1812D121R-10

**UNCONTROLLED DOCUMENT**

**PHYSICAL DIMENSIONS:**

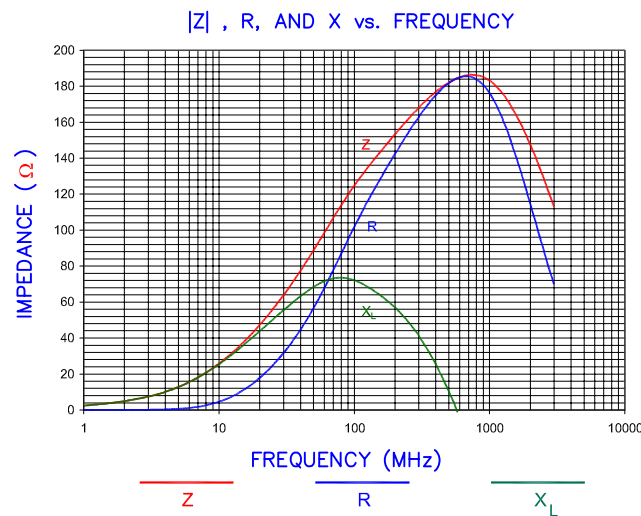
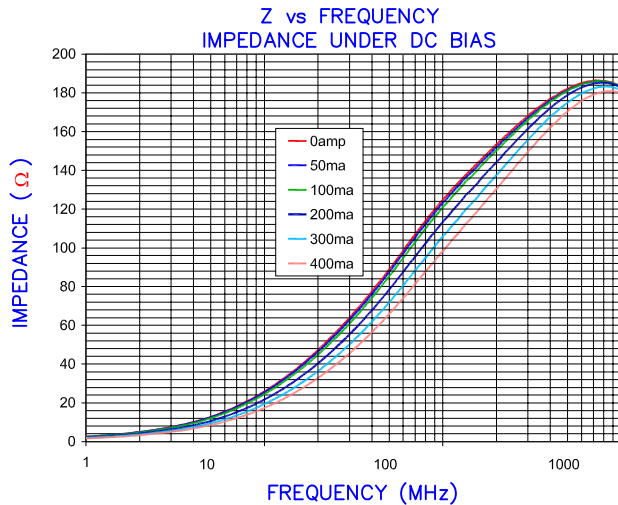
A	4.50 [.177]	$\pm 0.25$ [.010]
B	3.20 [.126]	$\pm 0.25$ [.010]
C	1.40 [.055]	$\pm 0.25$ [.010]
D	0.46 [.018]	$\pm 0.20$ [.008]



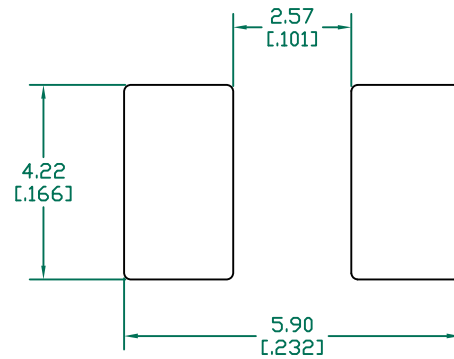
ELECTRICAL CHARACTERISTICS:			
Z @ 100MHz ( $\Omega$ )	DCR ( $\Omega$ )	Rated Current	
Nominal	120		
Minimum	90		
Maximum	150	0.400	400 mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMP. RANGE:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ . (INCLUDING SELF-HEATING)

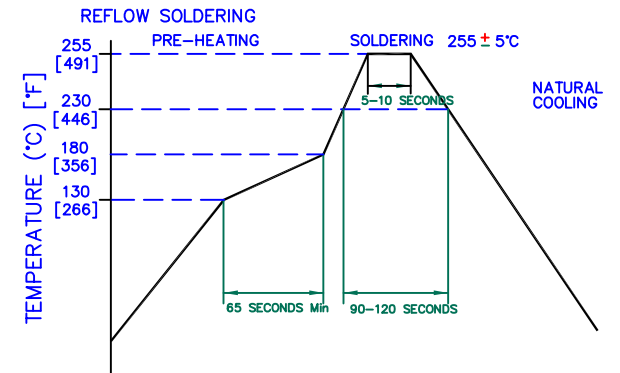


**LAND PATTERNS FOR REFLOW SOLDERING**



(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>			
C	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER: <b>LI1812D121R-10</b>	REV <b>C</b>	PART TYPE: <b>CO-FIRE</b>	DRAWN BY: <b>JRK</b>
B	UPDATE COMPANY LOGO ADD ROHS SYM	07/24/08	JRK	DATE: 08/16/04	SCALE: NTS	SHEET:	
A	ORIGINAL DRAFT	08/16/04	JRK	CAD #	TOOL #	2 of 3	
REV	DESCRIPTION	DATE	INT	L1812D121R-10-C			

