



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

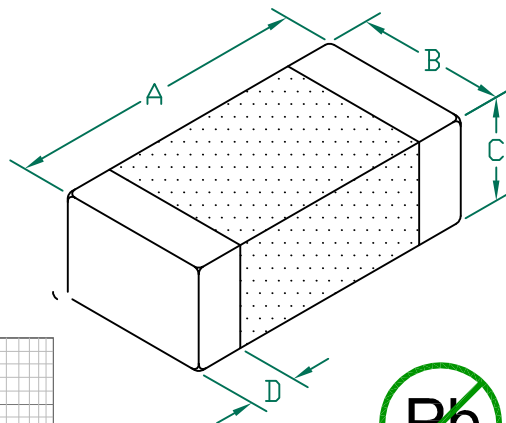


# HI1206T161R-10

**UNCONTROLLED DOCUMENT**

PHYSICAL DIMENSIONS:

A	3.20 [.126]	+ 0.20 [.008]
B	1.60 [.063]	+ 0.20 [.008]
C	1.60 [.063]	+ 0.20 [.008]
D	0.51 [.020]	+ 0.25 [.010]

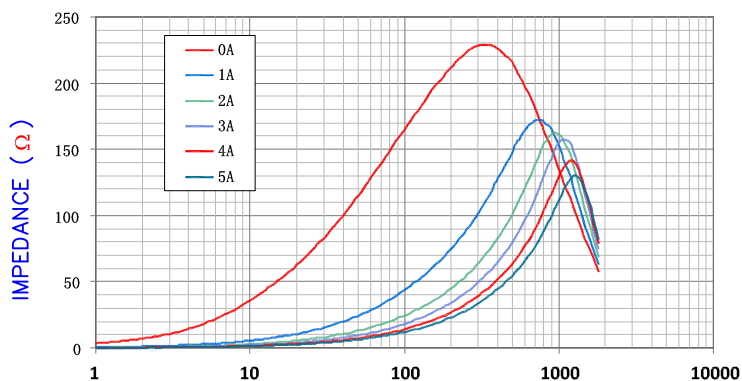


ELECTRICAL CHARACTERISTICS:

	Z @ 100MHz ( Ω )	DCR ( Ω )	Rated Current
Nominal	160		
Minimum	120		
Maximum	208	0.018	6000 mA

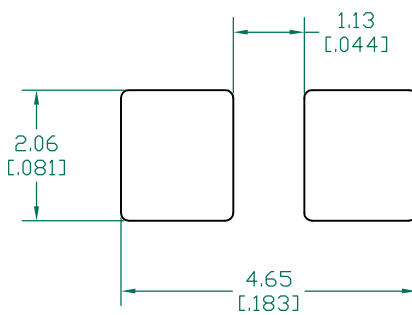
- NOTES: UNLESS OTHERWISE SPECIFIED
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 2000 PCS/REEL, EMBOSSED PLASTIC TAPE.
  2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
  3. TERMINATION FINISH IS 100% TIN.
  4. OPERATEING TEMPERATURE TEMP: -40°C~+125°C (INCLUDING SELF-HEATING)

Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS

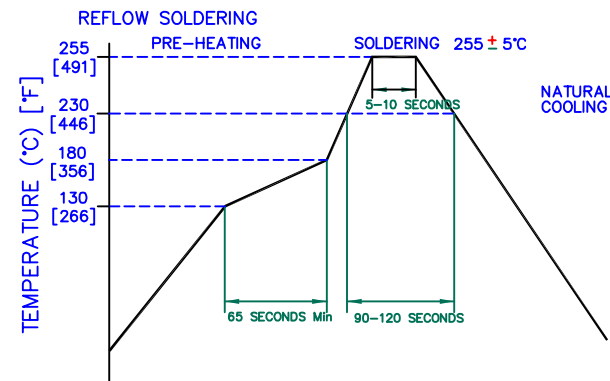


LAND PATTERNS FOR REFLOW SOLDERING

RECOMMENDED SOLDERING CONDITIONS

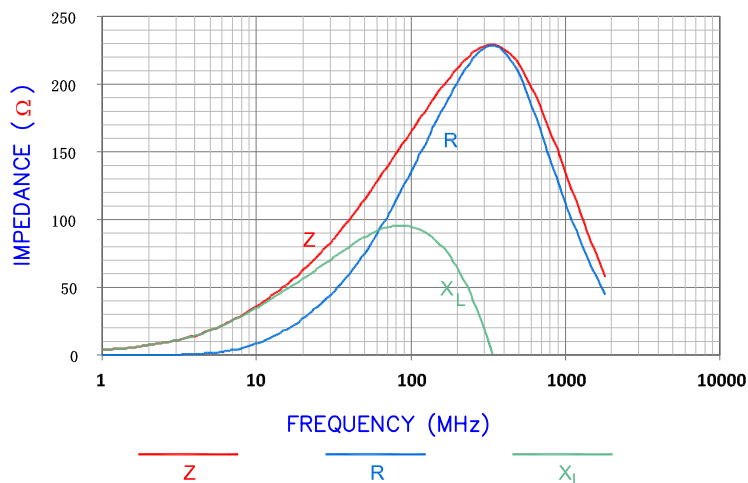


(For wave soldering, add 0.762 [0.030] to this dimension)



FREQUENCY (MHz)

|Z|, R, AND X vs. FREQUENCY



FREQUENCY (MHz)



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>		
H	OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER:		REV	PART TYPE:	DRAWN BY:
G	UPDATE CURVES AND REF NUMBER	07/08/10	JUN	HI1206T161R-10		H	CO-FIRE	JRK
F	UPDATE COMPANY LOGO	10/09/08	TMB	DATE:		SCALE:		SHEET:
E	ADD EMBOSSED PLASTIC TAPE TO NOTE 1	01/19/07	JRK	01/13/04		NTS		1 of 1
D	CHANGE C DIMENSION	01/15/07	JRK	CAD #		TOOL #		
C	CHG REEL QTY ADD ROHS SYMBOL	08/28/06	JRK	HI1206T161R-10-H				
B	CHANGE MAXIMUM IMPEDANCE FROM 200	01/11/05	JRK					
A	ORIGINAL DRAFT	01/13/04	JRK					
REV	DESCRIPTION	DATE	INT					