



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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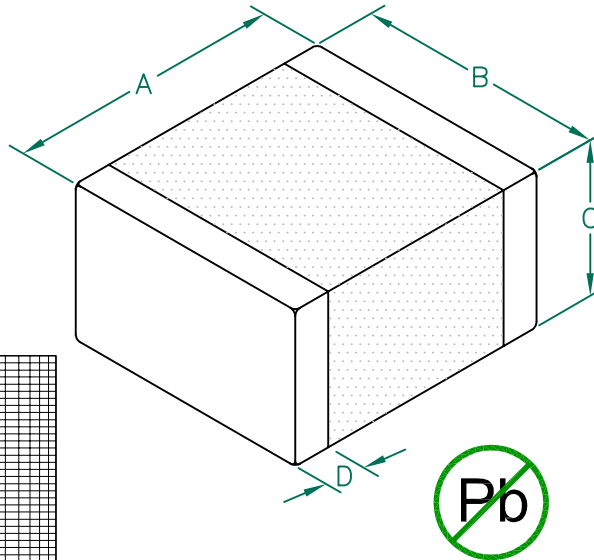


# DI2220V301R-10

**UNCONTROLLED DOCUMENT**

PHYSICAL DIMENSIONS:

A	5.59 [.220]	± 0.51 [.020]
B	5.08 [.200]	± 0.25 [.010]
C	3.61 [.142]	± 0.25 [.010]
D	0.76 [.030]	± 0.25 [.010]



ELECTRICAL CHARACTERISTICS:

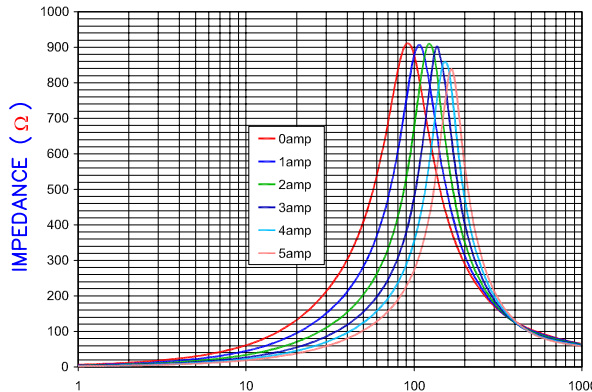
L @ 5 Amps (nH)		DCR (Ω)	Rated Current
Nominal	300		
Minimum	270		
Maximum	330	0.010	8000 mA

\* AS MEASURED IN CIRCUIT @ 2MHz

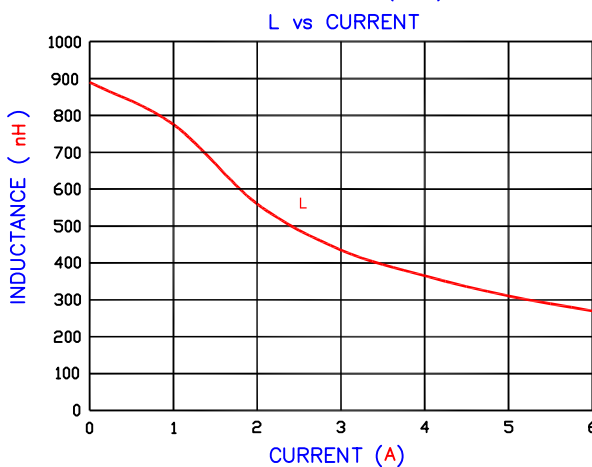
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 2,000 PCS/REEL.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. U.S. PATENT 6,249,205B1 SHOULD APPEAR ON THE LABEL OF EACH REEL OF PACKAGED PARTS.
5. OPERATING TEMPERATURE TEMP: -40°C~+125°C (INCLUDING SELF-HEATING)

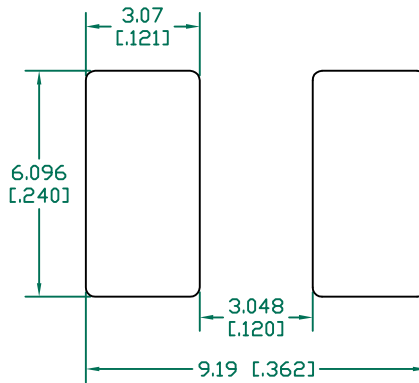
Z vs FREQUENCY  
IMPEDANCE UNDER DC BIAS



L vs CURRENT

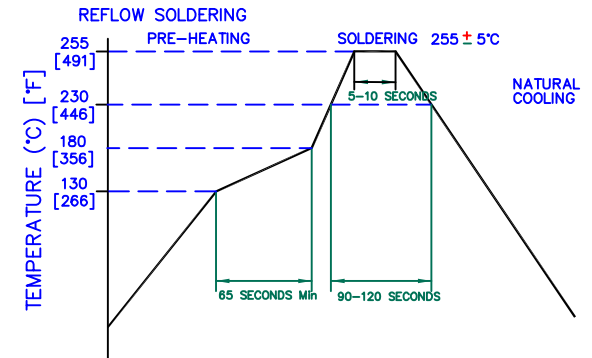


LAND PATTERNS FOR REFLOW SOLDERING



(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>	
D	OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER:	DI2220V301R-10	REV	D
C	UPDATE COMPANY LOGO	05/22/09	JRK	PART TYPE:	CO-FIRE	DRAWN BY:	QU
B	UPDATE COMPANY LOGO, ADD ROHS	01/10/08	JRK	DATE:	08/05/13	SCALE:	NTS
A	ORIGINAL DRAFT	04/02/04	TMB	SHEET:			
REV	DESCRIPTION	DATE	INT	CAD #	DI2220V301R-10-D	TOOL #	-