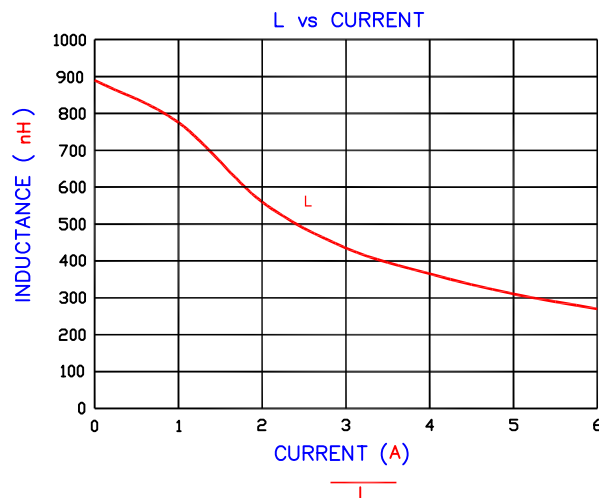
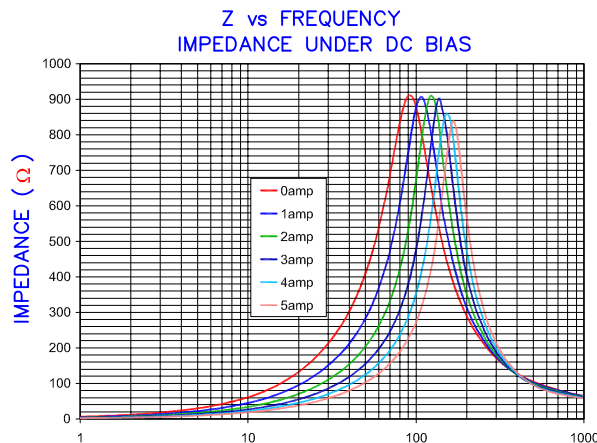
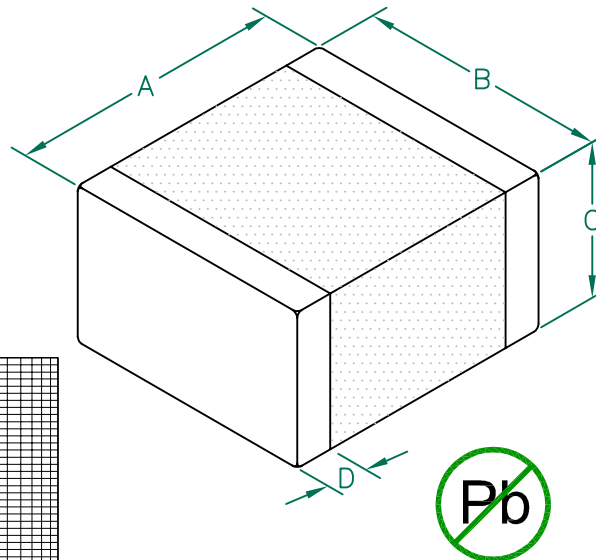


# DI2220V301R-10

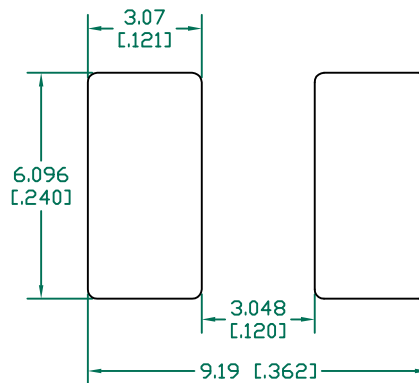
**UNCONTROLLED  
DOCUMENT**

## 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] |



## LAND PATTERNS FOR REFLOW SOLDERING



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



## ELECTRICAL CHARACTERISTICS:

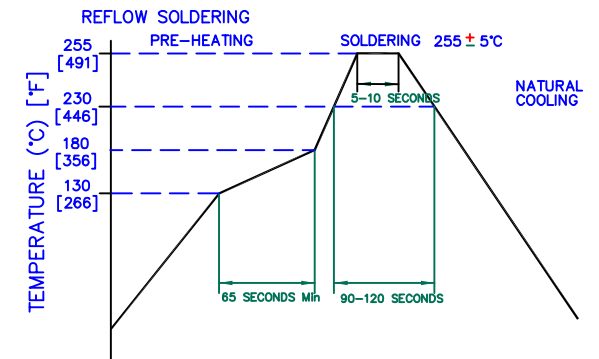
| L @ 5 Amps<br>(nH) | DCR<br>(Ω) | Rated<br>Current |
|--------------------|------------|------------------|
| Nominal            | 300        |                  |
| Minimum            | 270        |                  |
| Maximum            | 330        | 0.010 8000 mA    |

\* 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)

## 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. |                  |        |        |
|--------------------------------|----------------------------------------------------------|----------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|--------|
| D                              | OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13 | QU  | PROJECT/PART NUMBER:<br><b>DI2220V301R-10</b>                                                                                                                                                                                                           |                  |        |        |
| C                              | UPDATE COMPANY LOGO                                      | 05/22/09 | JRK |                                                                                                                                                                                                                                                         |                  |        |        |
| B                              | UPDATE COMPANY LOGO, ADD ROHS                            | 01/10/08 | JRK | DATE: 08/05/13                                                                                                                                                                                                                                          |                  |        |        |
| A                              | ORIGINAL DRAFT                                           | 04/02/04 | TMB |                                                                                                                                                                                                                                                         |                  |        |        |
| REV                            | DESCRIPTION                                              | DATE     | INT | CAD #                                                                                                                                                                                                                                                   | DI2220V301R-10-D | TOOL # | -      |
|                                |                                                          |          |     | SCALE:                                                                                                                                                                                                                                                  | NTS              | SHEET: | 2 of 2 |