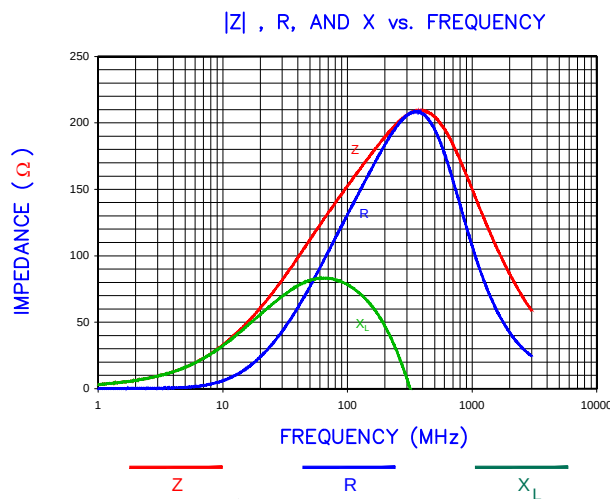
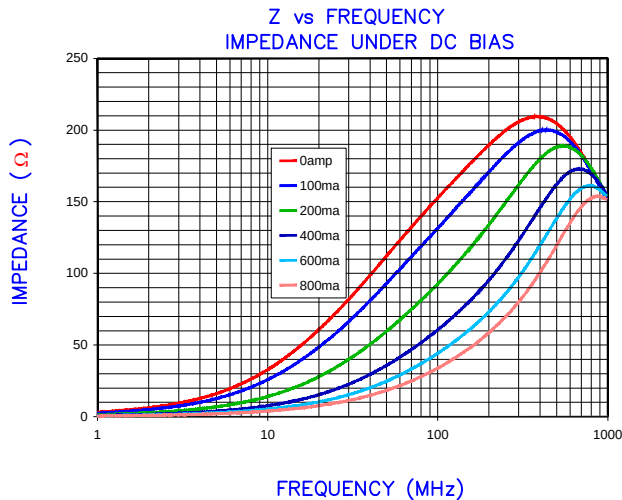
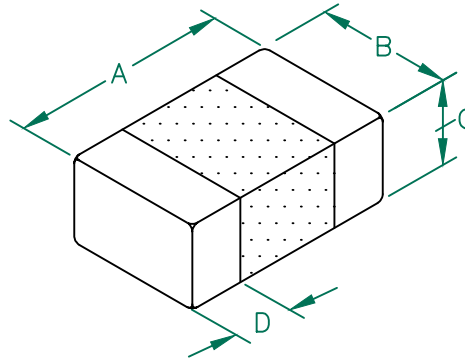


# LI0805H151R-10

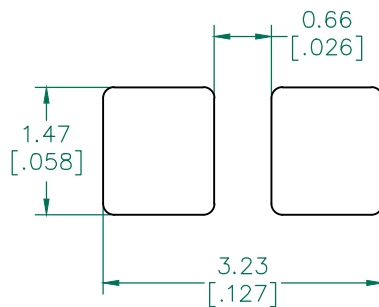
## PHYSICAL DIMENSIONS:

|   |             |               |
|---|-------------|---------------|
| A | 2.00 [.079] | + 0.20 [.008] |
| B | 1.25 [.049] | + 0.20 [.008] |
| C | 0.90 [.035] | + 0.20 [.008] |
| D | 0.51 [.020] | + 0.25 [.010] |



AGILENT E4991A RF Impedance/Material Analyzer  
HP 16194A Test Fixture. TEST REF. 3235

## LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.763 [.030] to this dimension.)



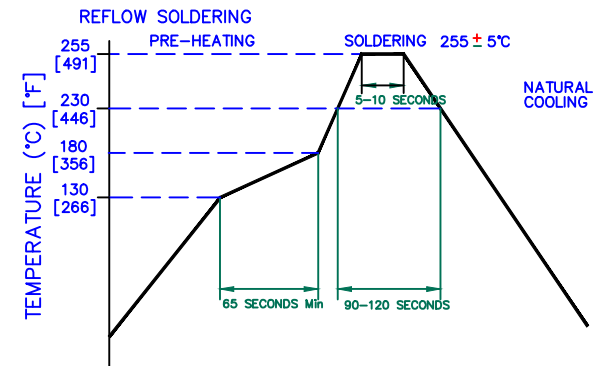
## ELECTRICAL CHARACTERISTICS:

|         | Z @ 100MHz<br>(Ω) | DCR<br>(Ω) | Rated<br>Current |
|---------|-------------------|------------|------------------|
| Nominal | 150               |            |                  |
| Minimum | 113               |            |                  |
| Maximum | 188               | 0.15       | 800 mA           |

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER TAPE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)

## RECOMMENDED SOLDERING CONDITIONS



## DIMENSIONS ARE IN mm [INCHES]

|                                                                                                                                                                                                                                                         |                                                                 |            |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------|---------------|
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| D                                                                                                                                                                                                                                                       | ADD OPERATING TEMPERATURE<br>UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13   | QU            |
| C                                                                                                                                                                                                                                                       | CHANGE TO PAPER TAPE                                            | 03/04/10   | JUN           |
| B                                                                                                                                                                                                                                                       | UPDATE COMPANY LOGO ADD ROHS SYM                                | 07/21/08   | JRK           |
| A                                                                                                                                                                                                                                                       | ORIGINAL DRAFT                                                  | 04/19/04   | JRK           |
| REV                                                                                                                                                                                                                                                     | DESCRIPTION                                                     | DATE       | INT           |
| PROJECT/PART NUMBER: LI0805H151R-10                                                                                                                                                                                                                     |                                                                 |            |               |
| DATE: 04/19/04                                                                                                                                                                                                                                          |                                                                 | SCALE: NTS | SHEET: 1 of 1 |
| CAD # LI0805H151R-10-D                                                                                                                                                                                                                                  |                                                                 | TOOL # -   |               |



REV D PART TYPE: CO-FIRE DRAWN BY: JRK