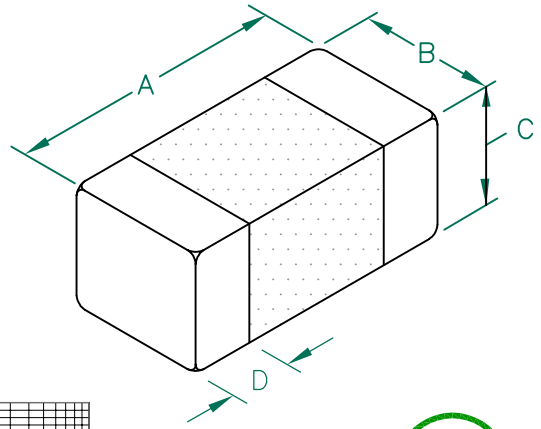
# LI0603B201R-10

**UNCONTROLLED DOCUMENT**

## PHYSICAL DIMENSIONS:

| | | | |
|---|---|---|---|
| A | 1.60 [.063] | ± 0.15 | [.006] |
| B | 0.80 [.031] | ± 0.15 | [.006] |
| C | 0.80 [.031] | ± 0.15 | [.006] |
| D | 0.36 [.014] | ± 0.15 | [.006] |



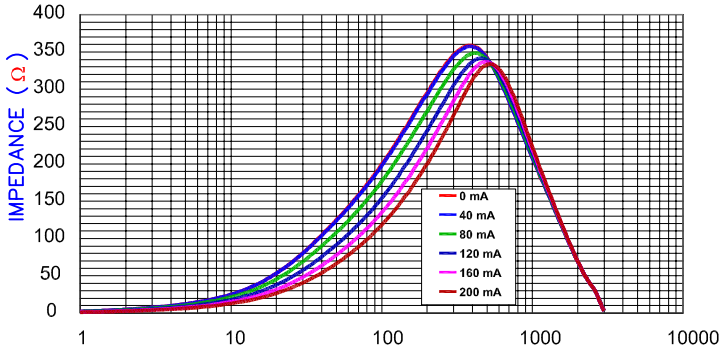

| ELECTRICAL CHARACTERISTICS: | | | |
|---|---|---|---|
| Z @ 100MHz ( Ω ) | | DCR ( Ω ) | Rated Current |
| Nominal | 200 | | |
| Minimum | 150 | | |
| Maximum | 250 | 0.40 | 200mA |

NOTES: UNLESS OTHERWISE SPECIFIED

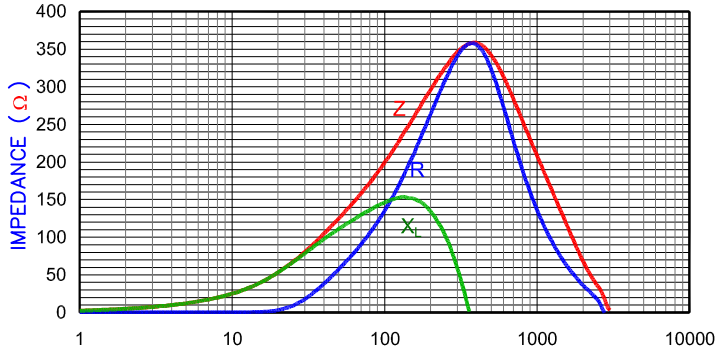
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4,000 PCS/REEL, PAPER TAPE.
2. TERMINATION FINISH IS 100% TIN.
3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
4. OPERATING TEMP. RANGE: −40°C~+125°C. (INCLUDING SELF−HEATING)

Pb

### Z vs FREQUENCY
### IMPEDANCE UNDER DC BIAS



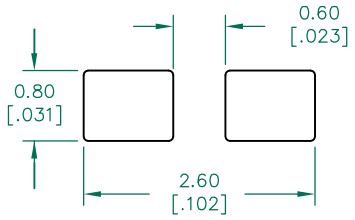

### |Z| , R, AND X vs. FREQUENCY




Z R $X_L$

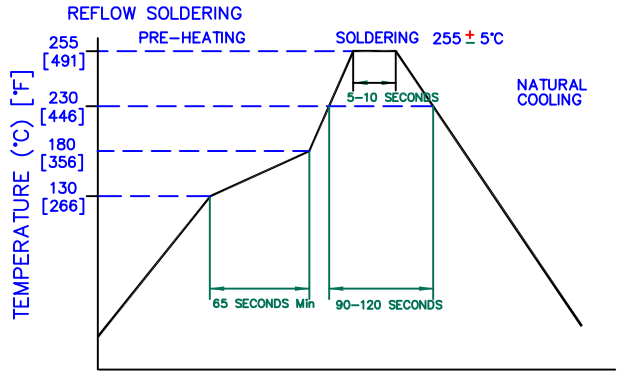
AGILENT E4991A RF Impedance/Material Analyzer
HP 16194A Test Fixture. TEST REF. 5511

### LAND PATTERNS FOR REFLOW SOLDERING




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

### RECOMMENDED SOLDERING CONDITIONS




RoHS 2002/95/EC

| REV | DESCRIPTION | DATE | INT |
|---|---|---|---|
| D | ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE | 08/05/13 | QU |
| C | CORRECT TEST REF. NUMBER | 01/27/09 | JRK |
| B | UPDATE COMPANY LOGO | 07/14/08 | JRK |
| A | ORIGINAL DRAFT | 03/16/06 | JRK |

DIMENSIONS ARE IN mm [INCHES].

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Laird

| PROJECT/PART NUMBER: | REV | PART TYPE: | DRAWN BY: |
|---|---|---|---|
| LI0603B201R−10 | D | CO−FIRE | JRK |

DATE: 03/16/06 SCALE: − SHEET: 2 of 2

CAD # LI0603B201R−10−D TOOL # −